

WO 98/34092

PCT/US98/01528

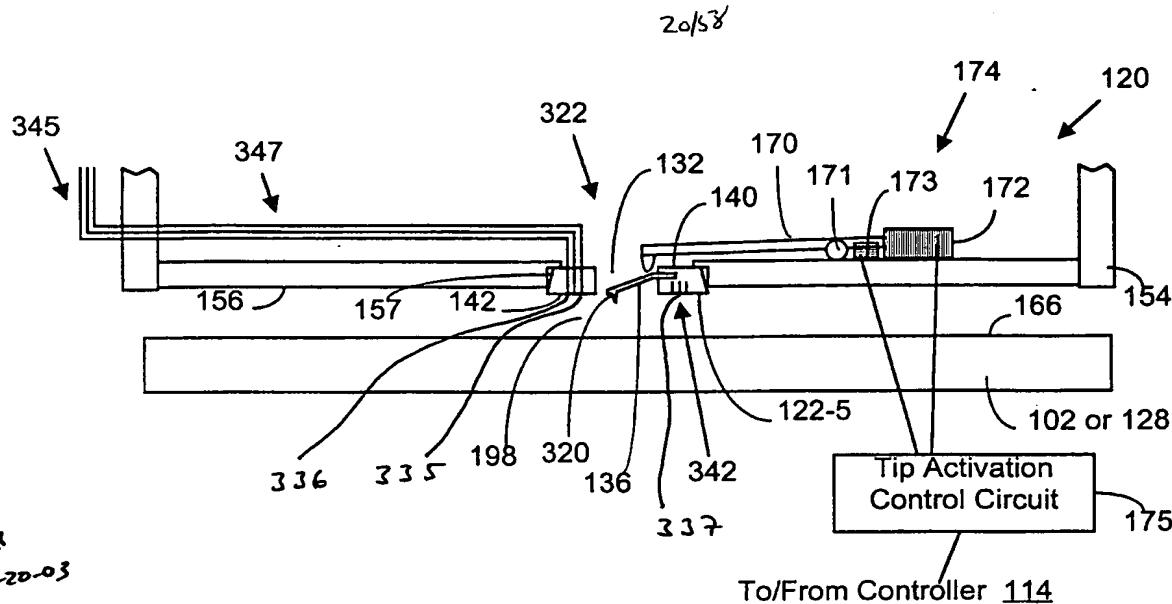


Figure 35

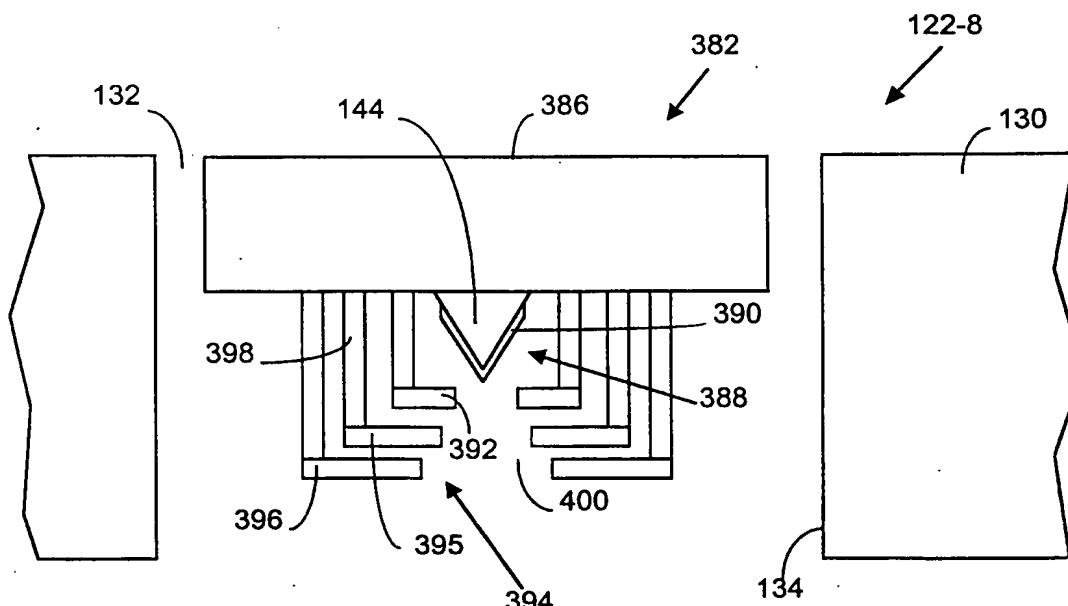


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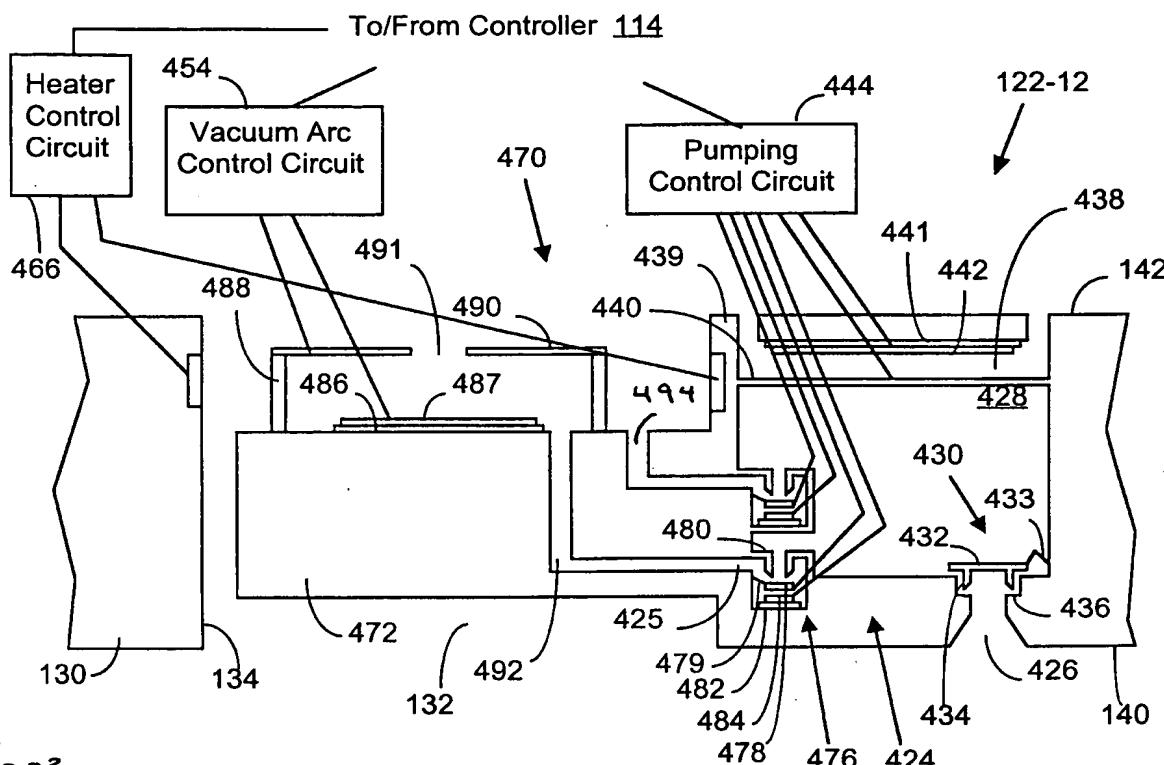


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Approved
CMK 3-20-03

Figure 54

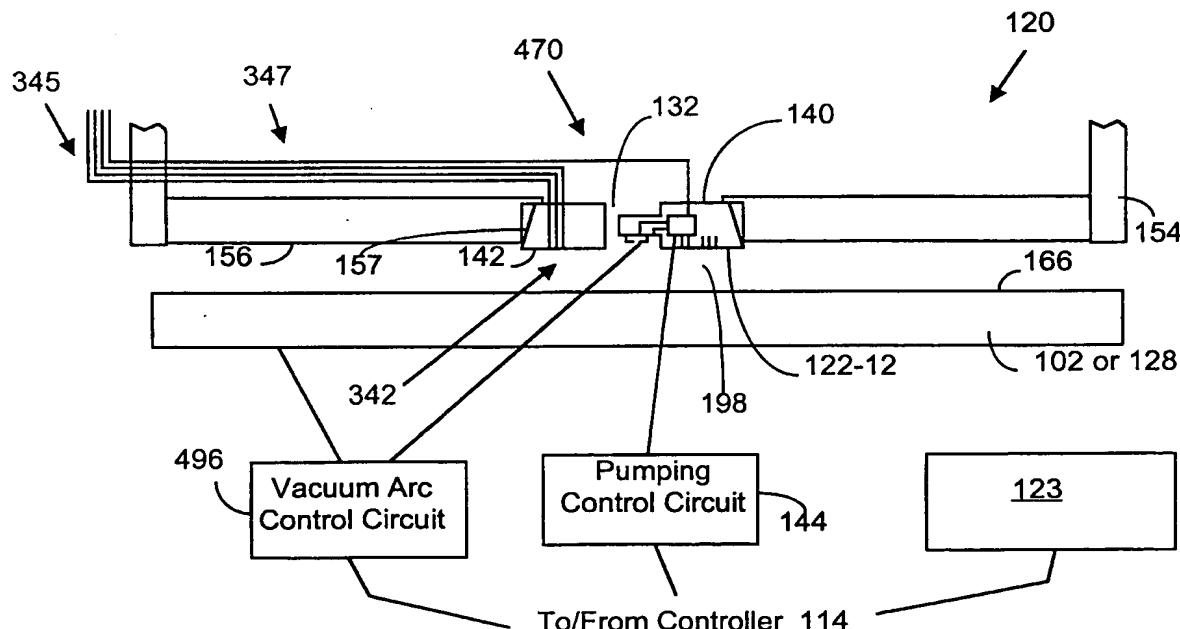


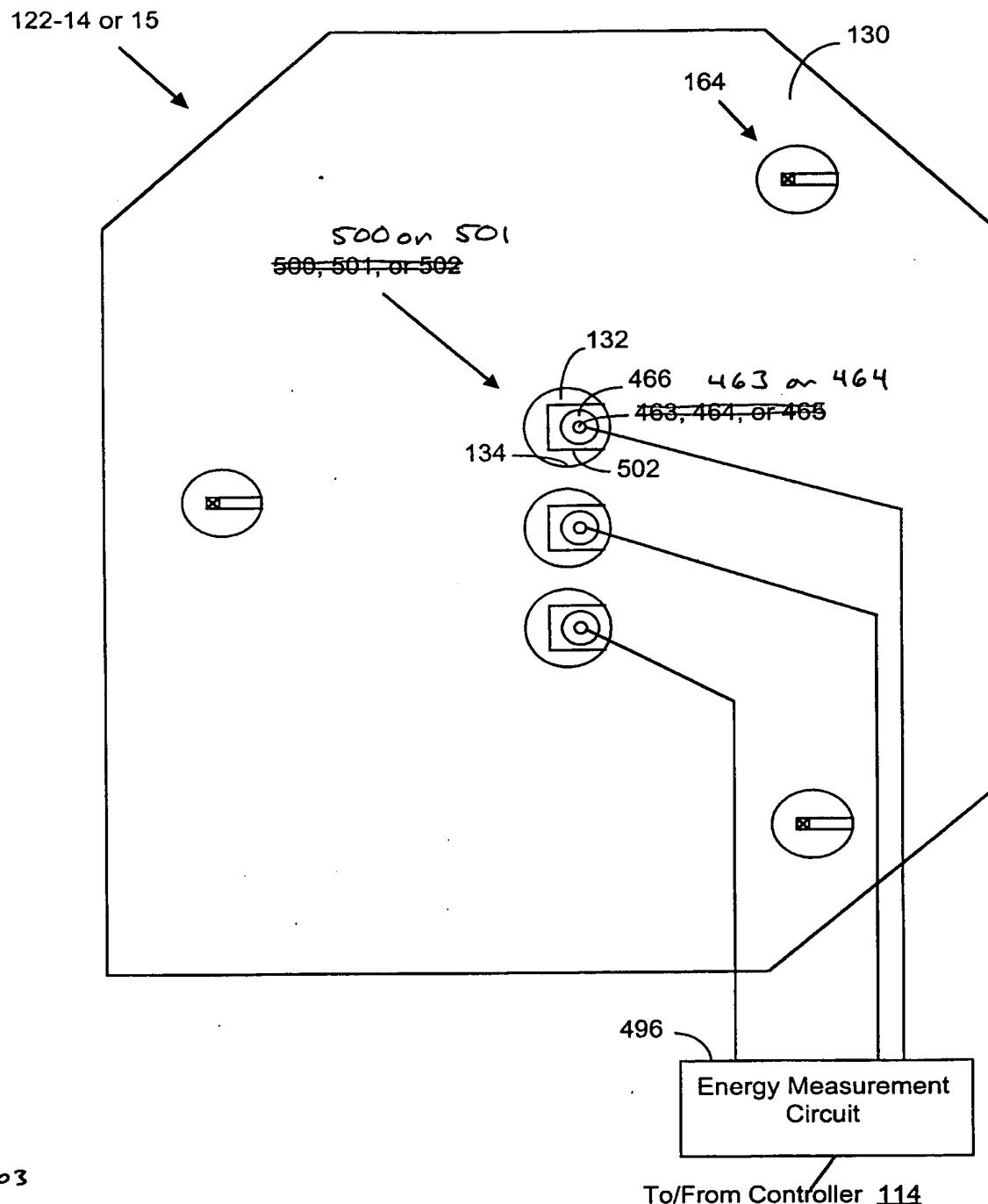
Figure 55



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Figure 58



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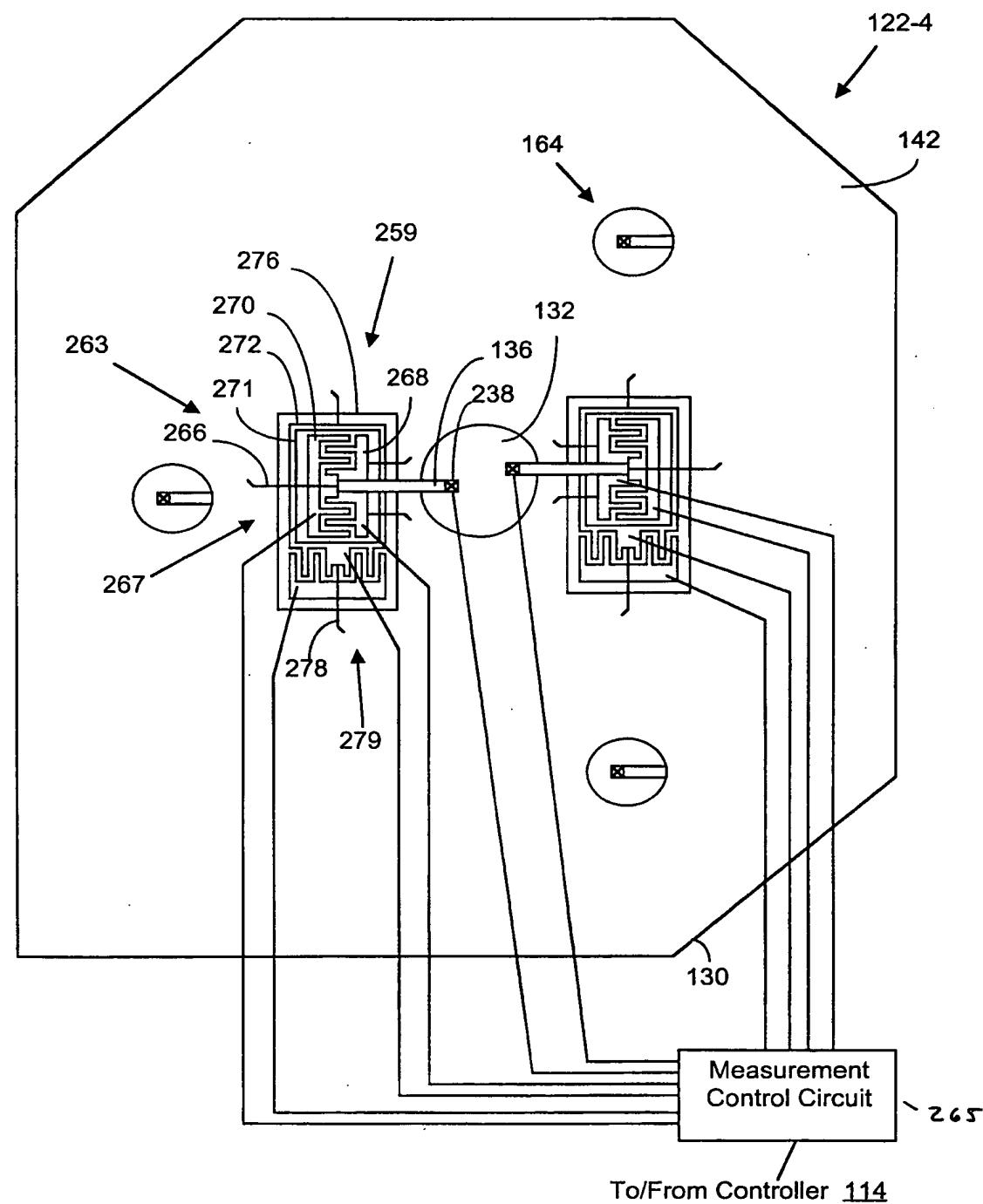


Figure 26

SUBSTITUTE SHEET (RULE 26)

Approved
CMV - 3-20-03



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 2 of 55

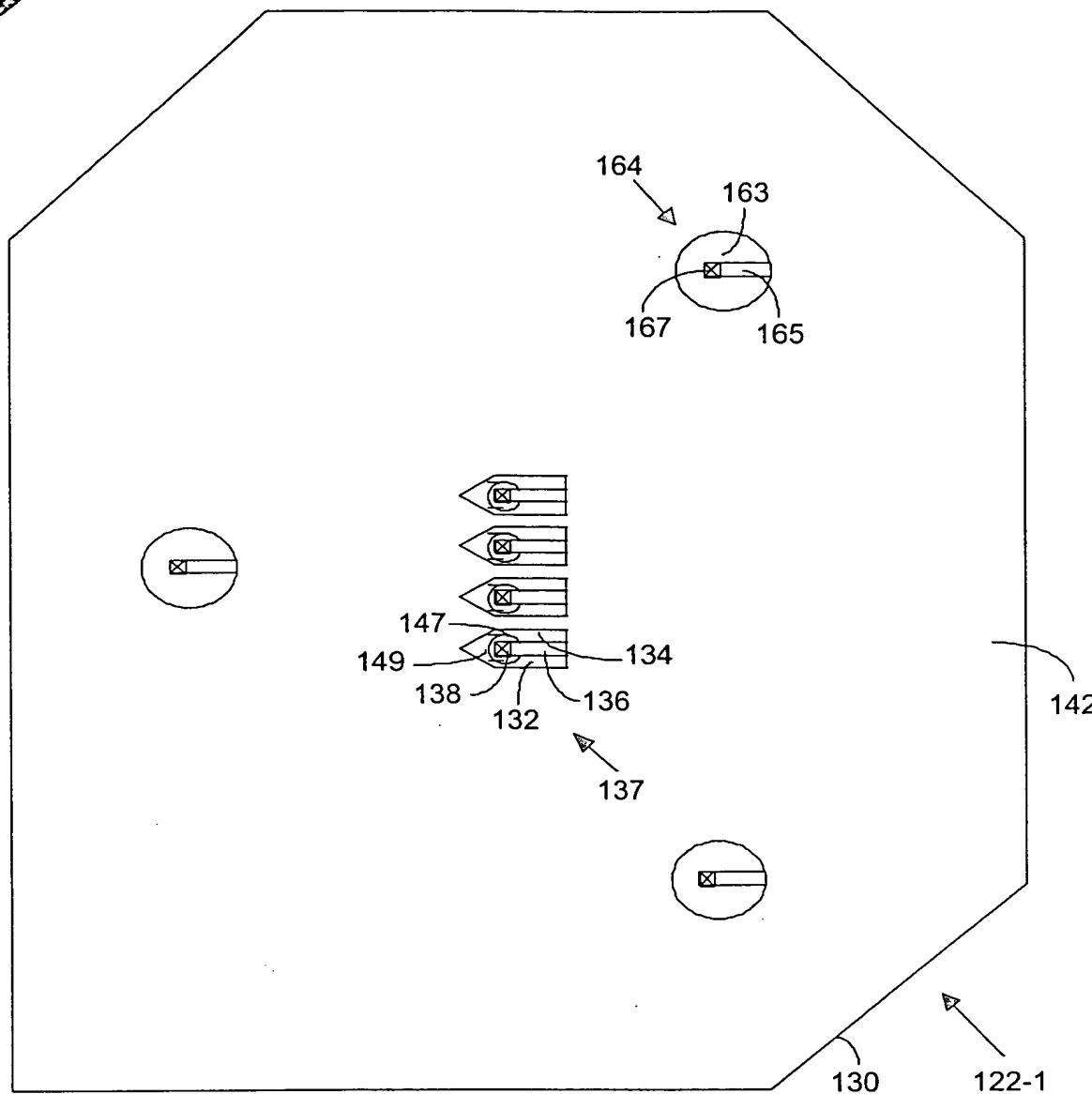


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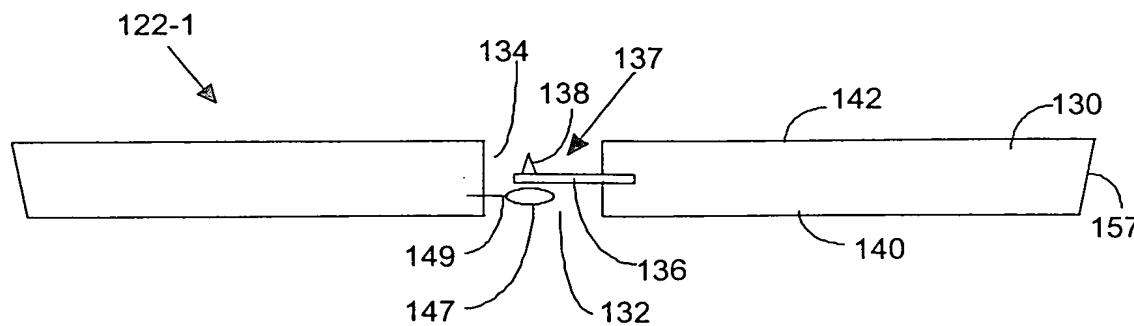


Figure 3



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David N. Slone (650-326-2400) Docket No. 020921-001611US Page 3 of 55

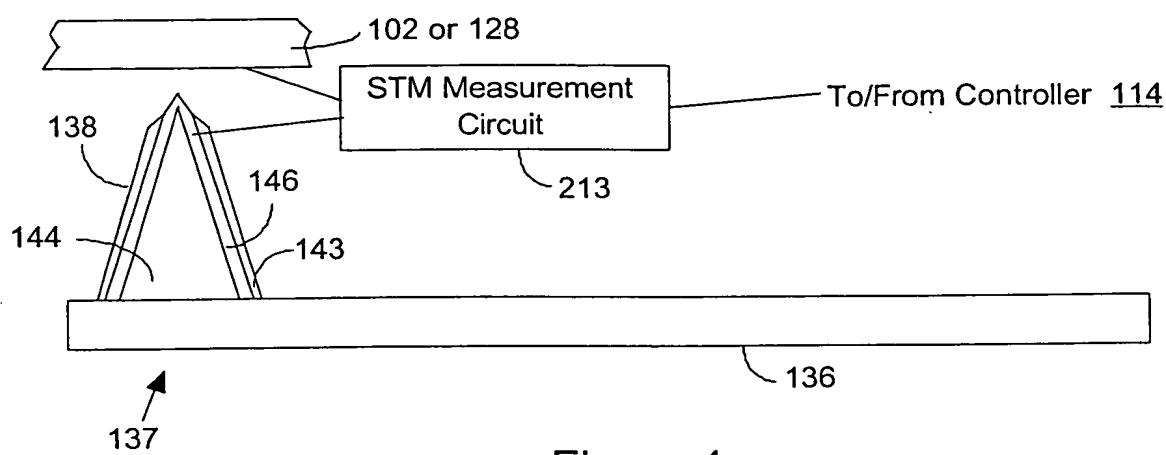


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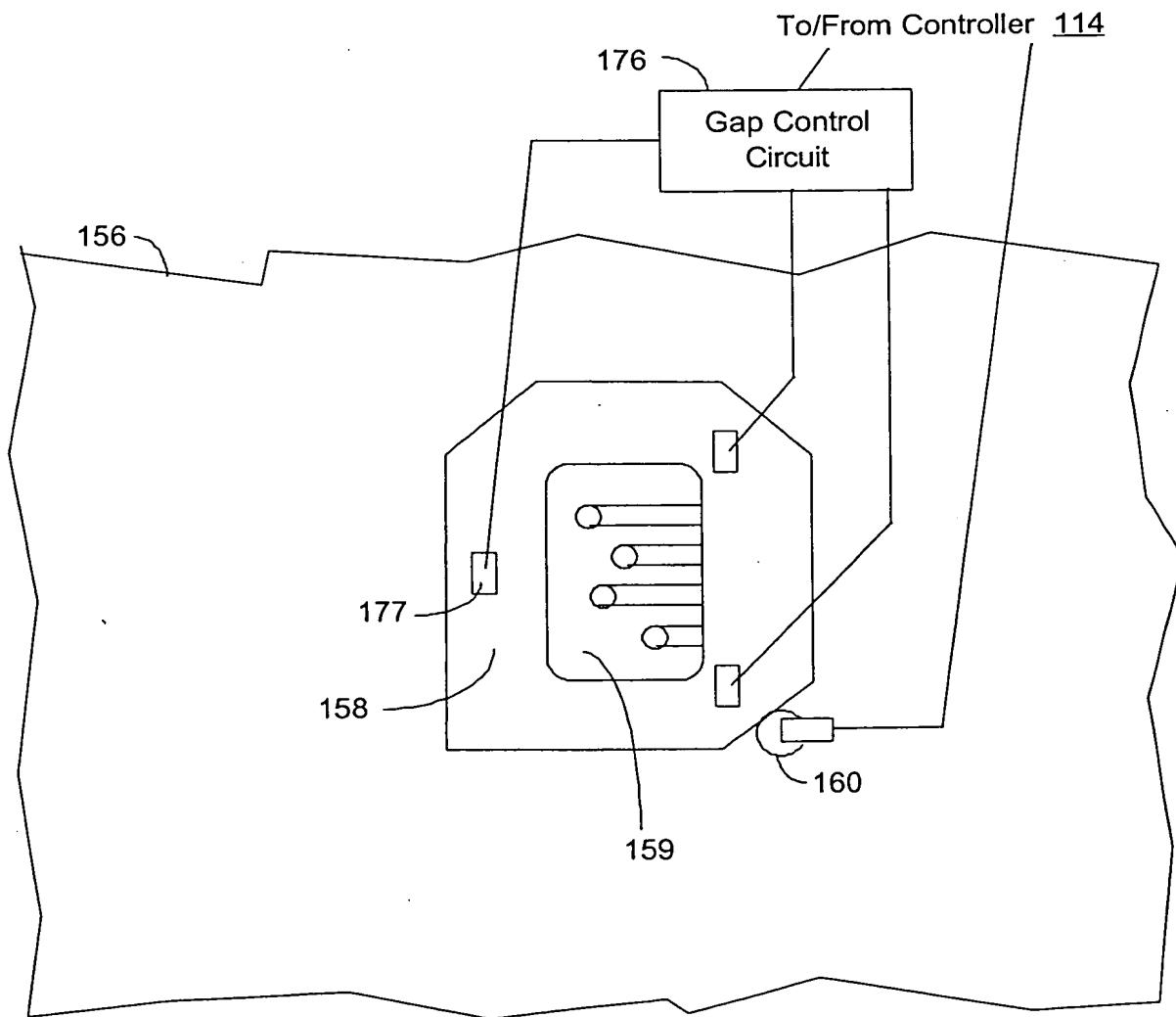


Figure 6



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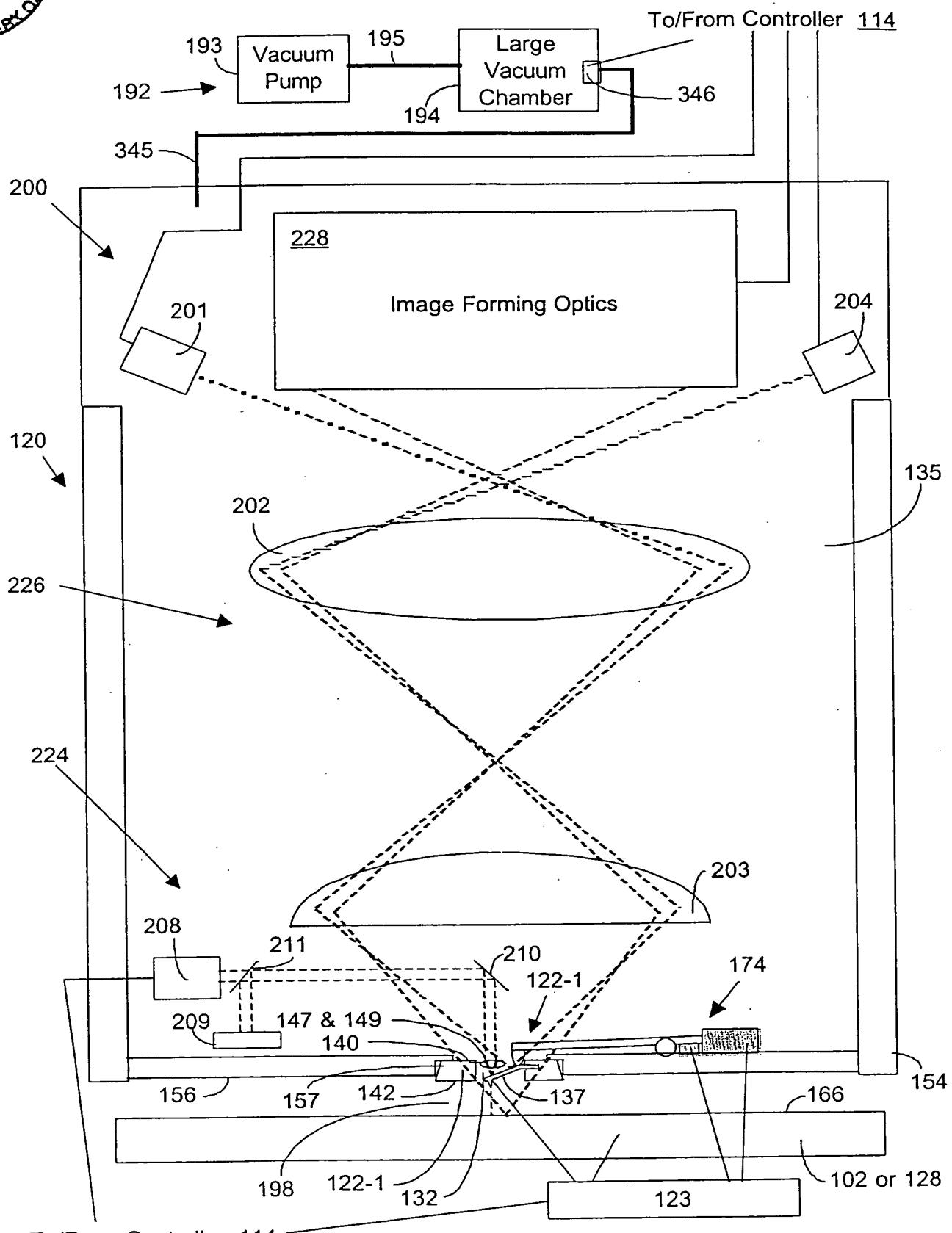


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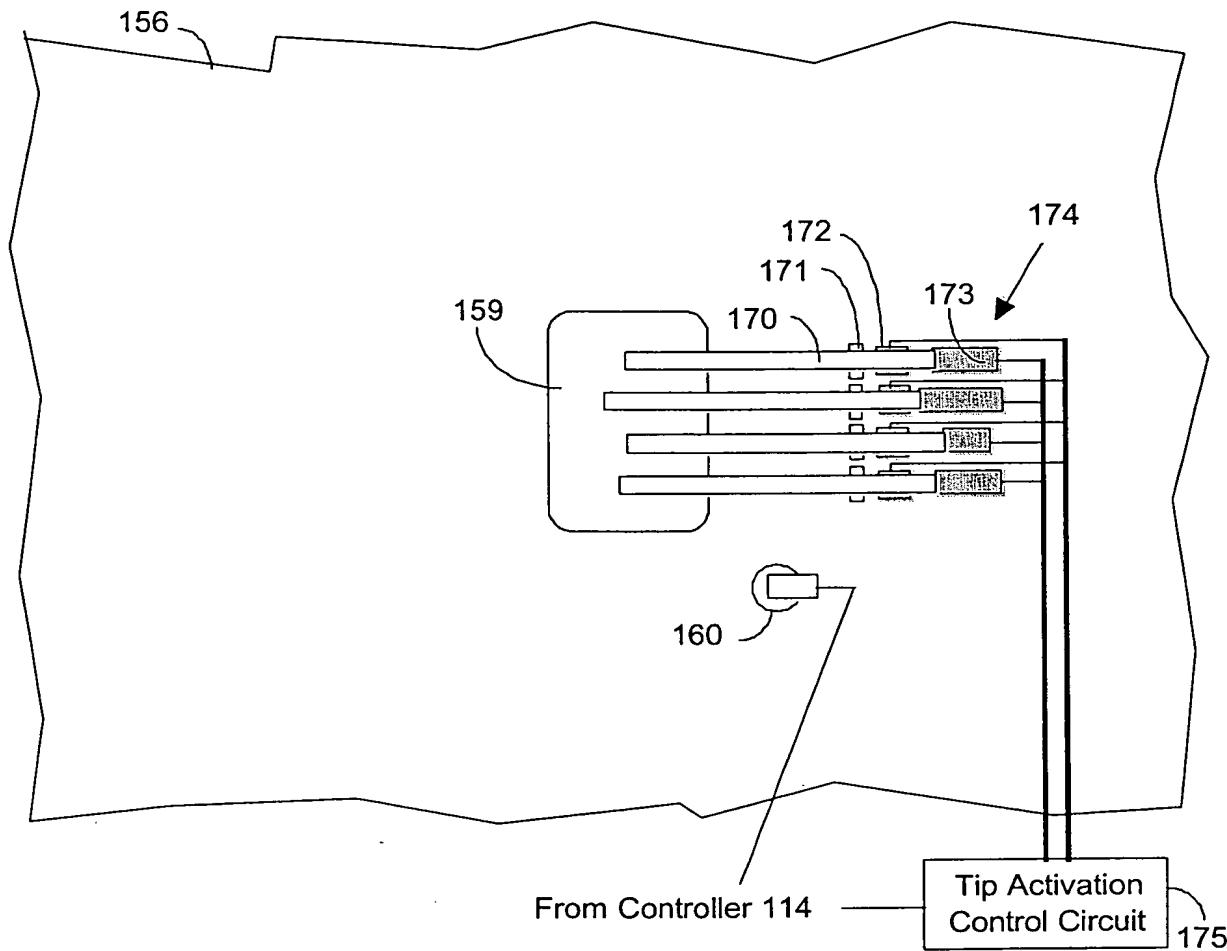


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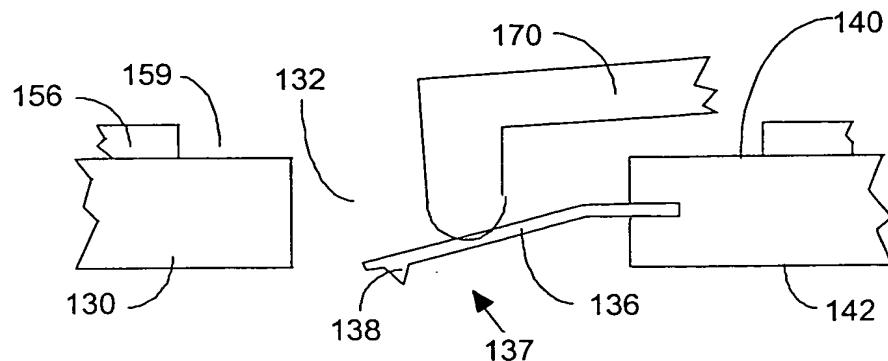


Figure 8



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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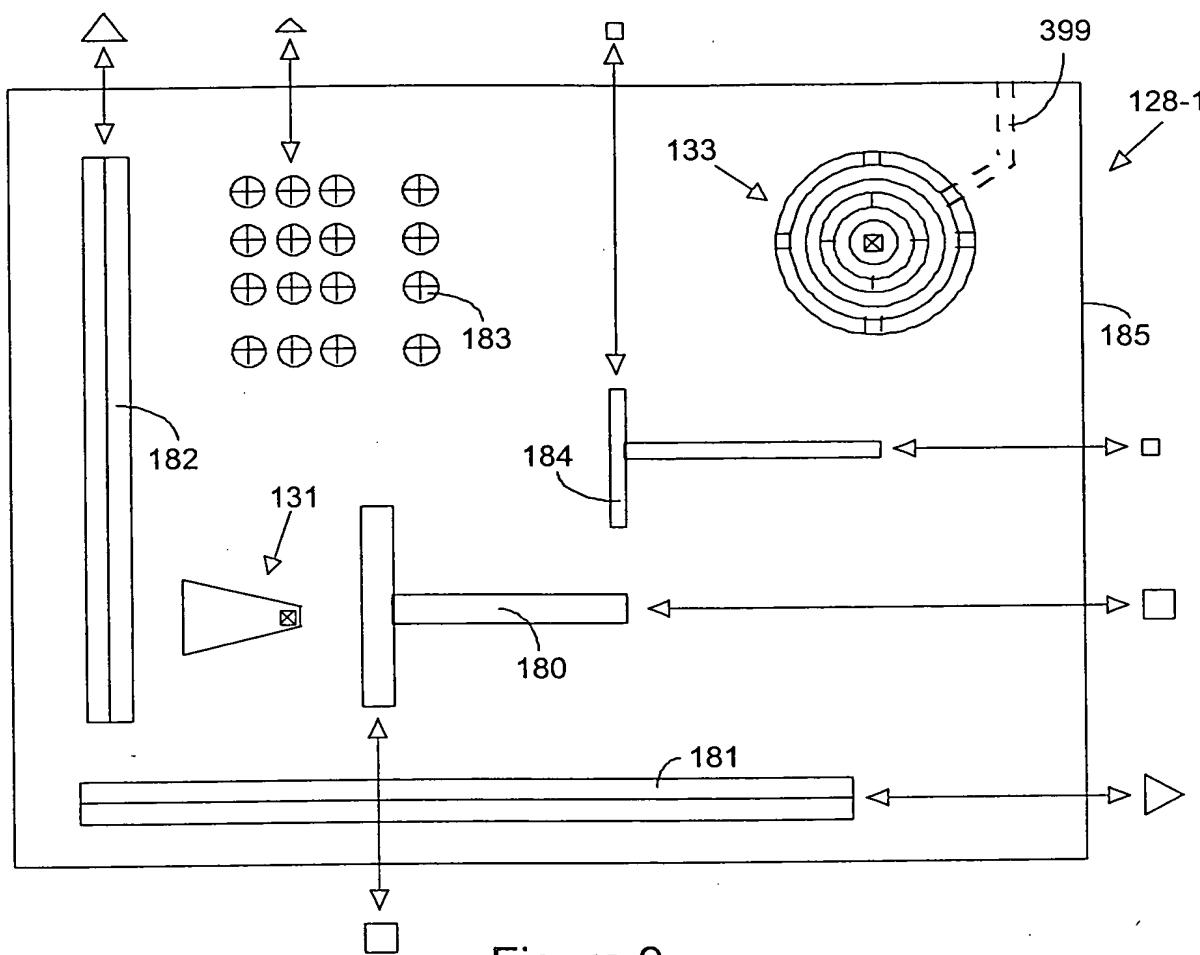


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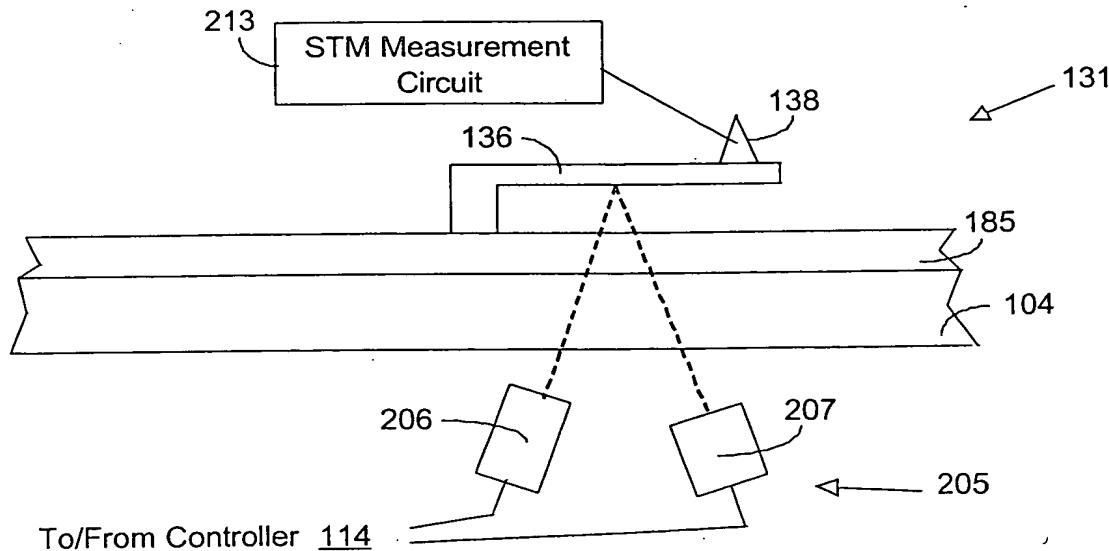
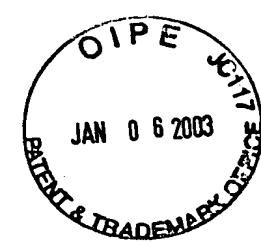


Figure 10



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/99
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 7 of 55

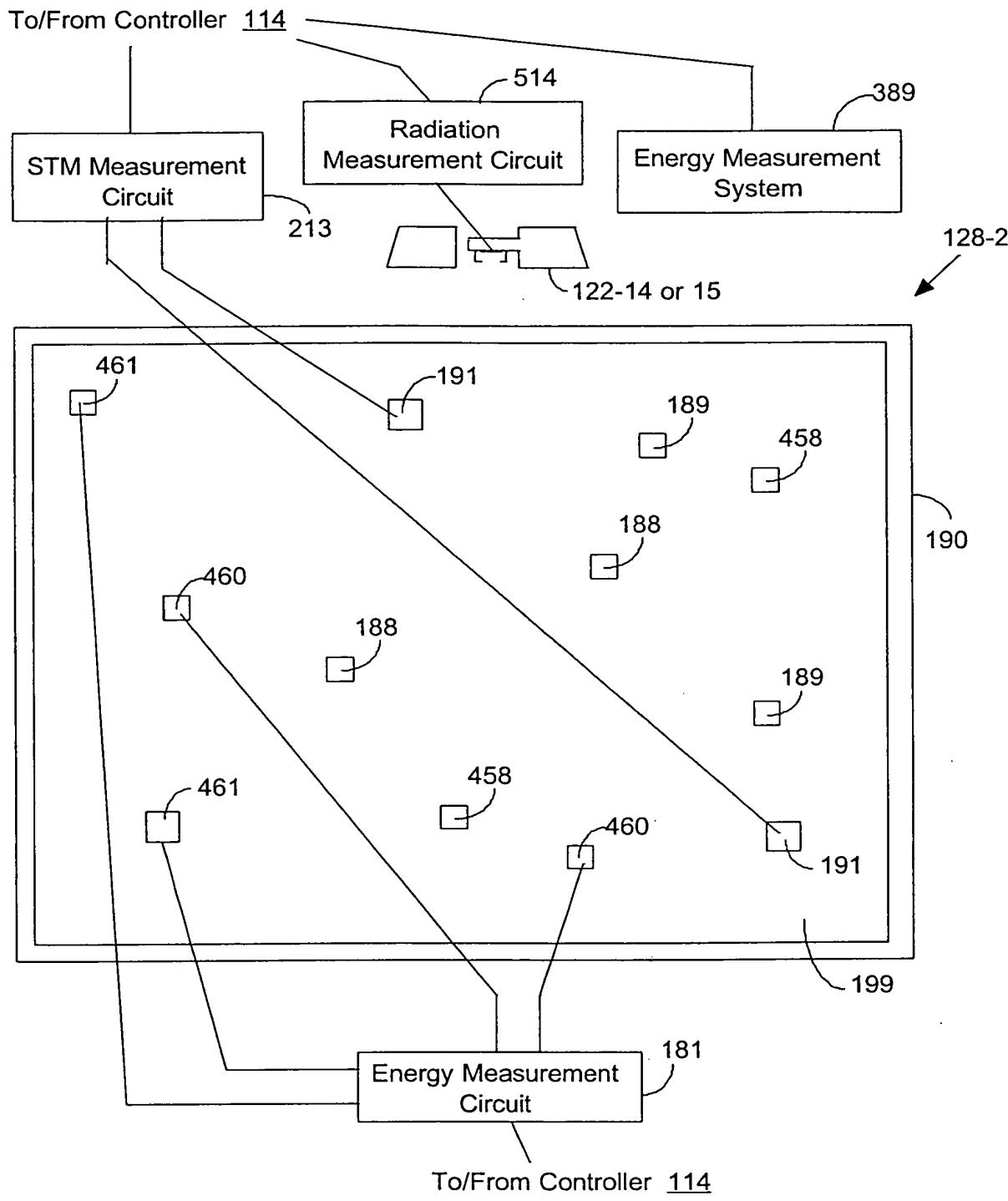


Figure 11



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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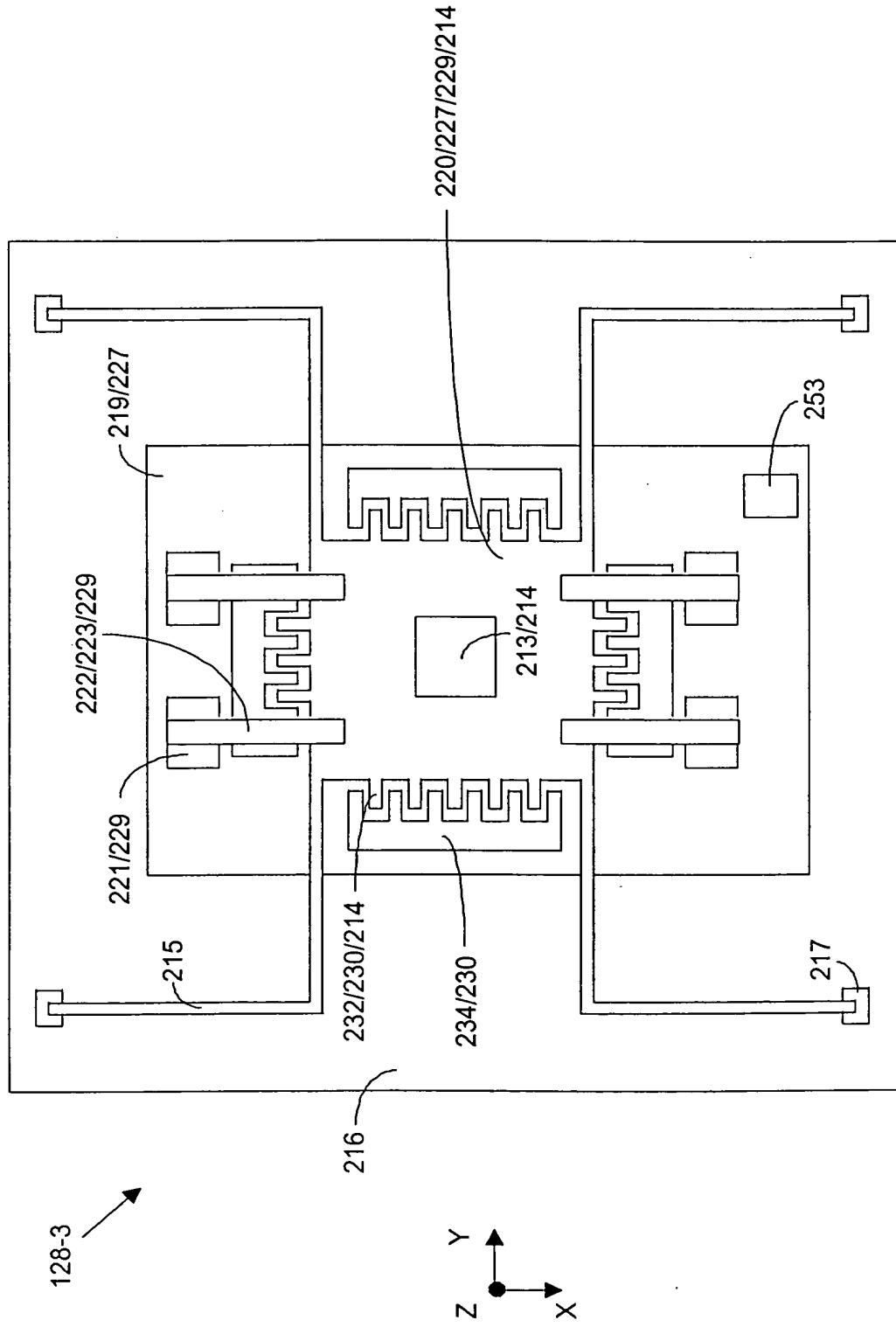


Figure 12



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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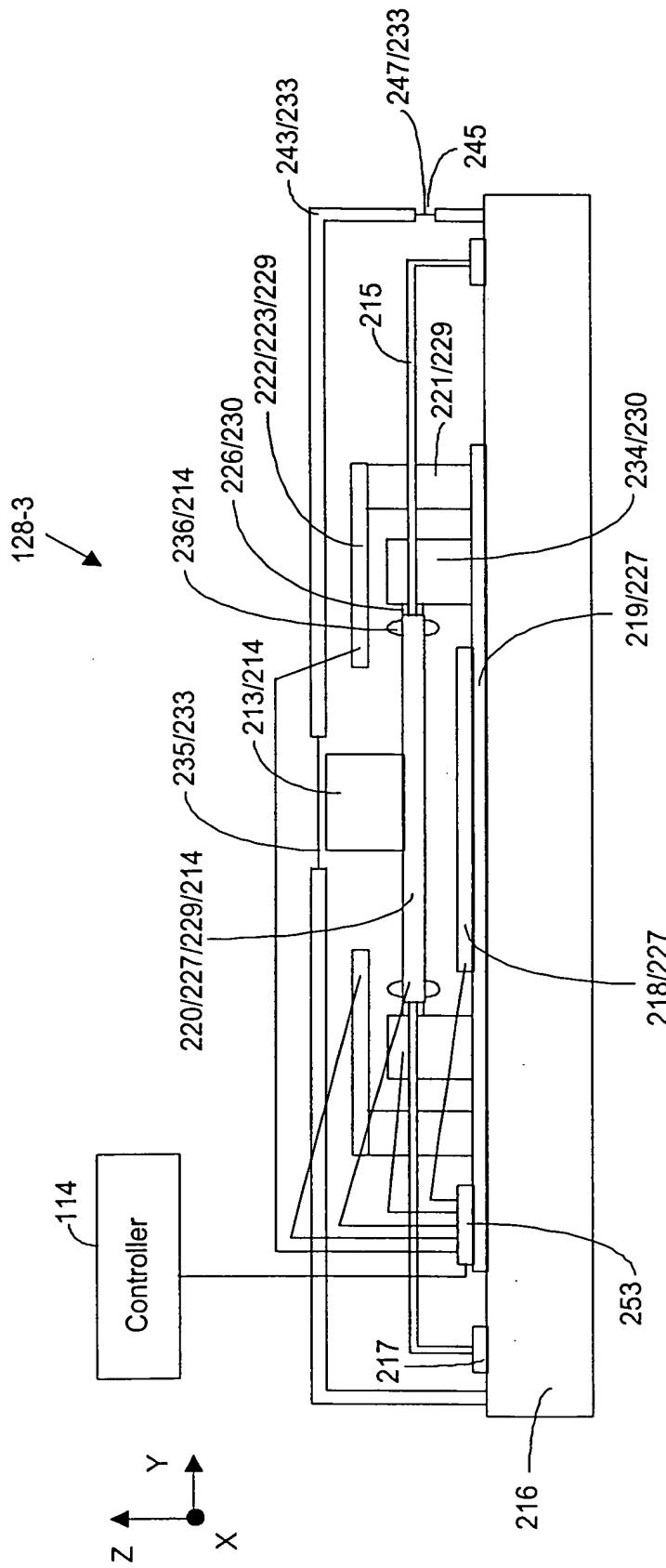


Figure 13



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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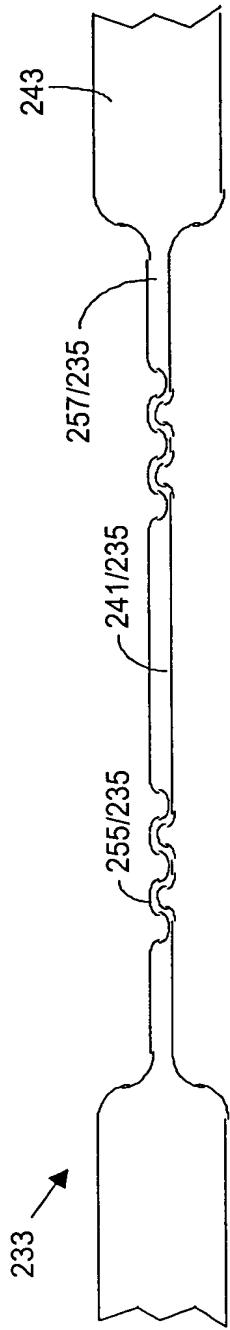


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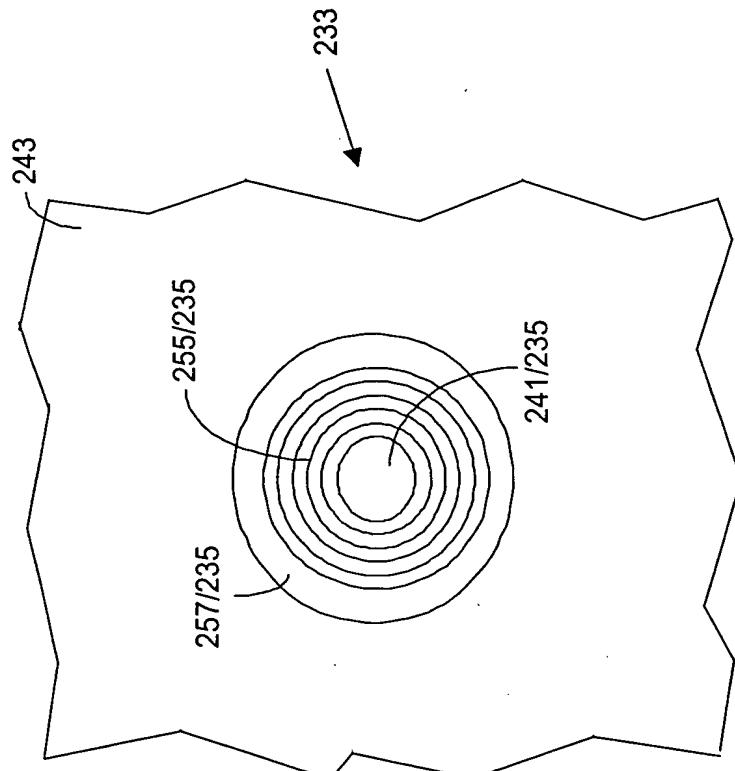


Figure 15



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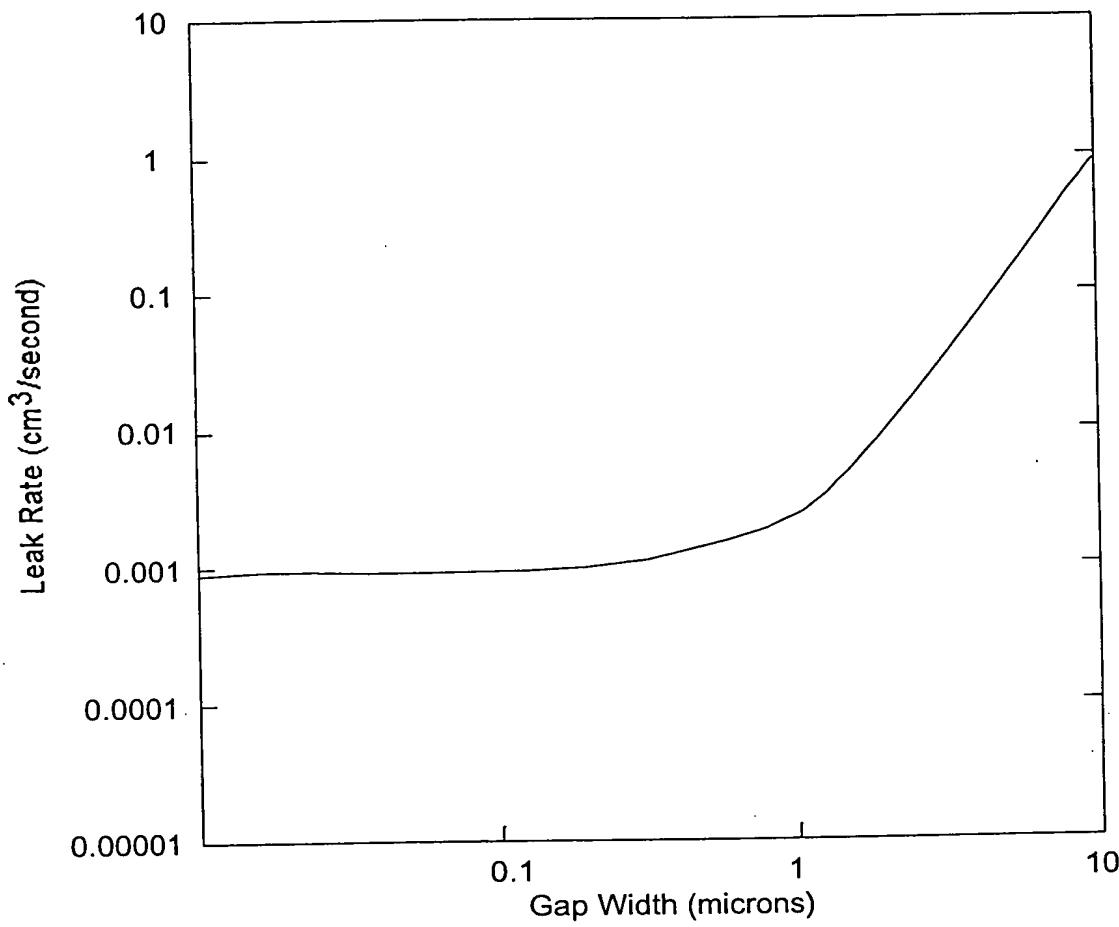


Figure 16



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 12 of 55

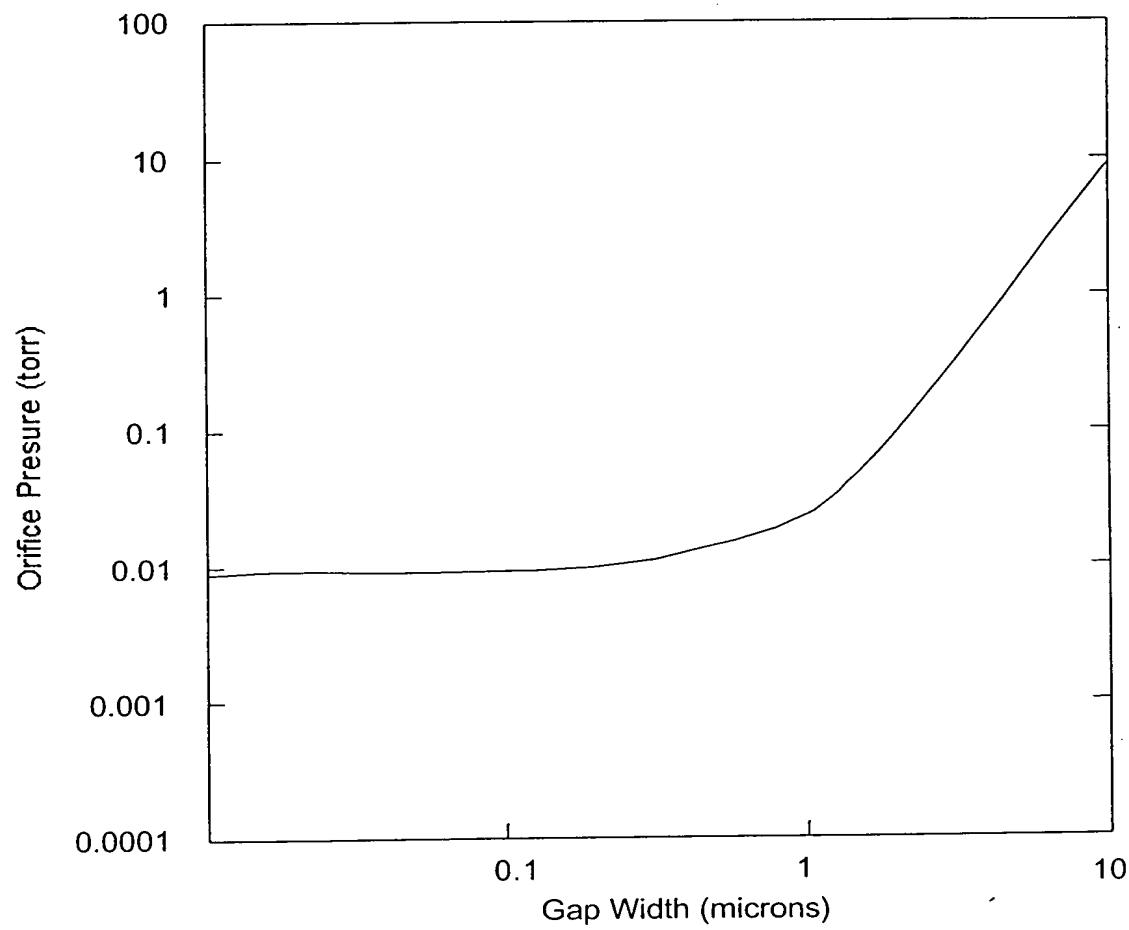


Figure 17



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 13 of 55

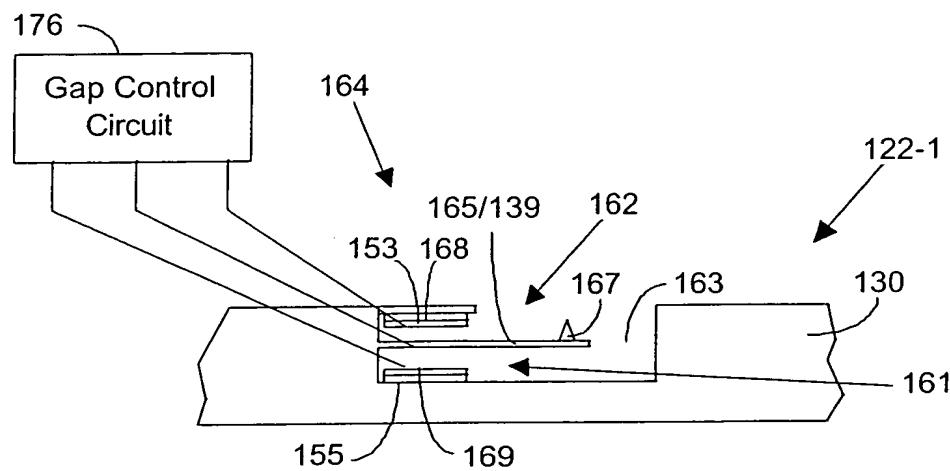


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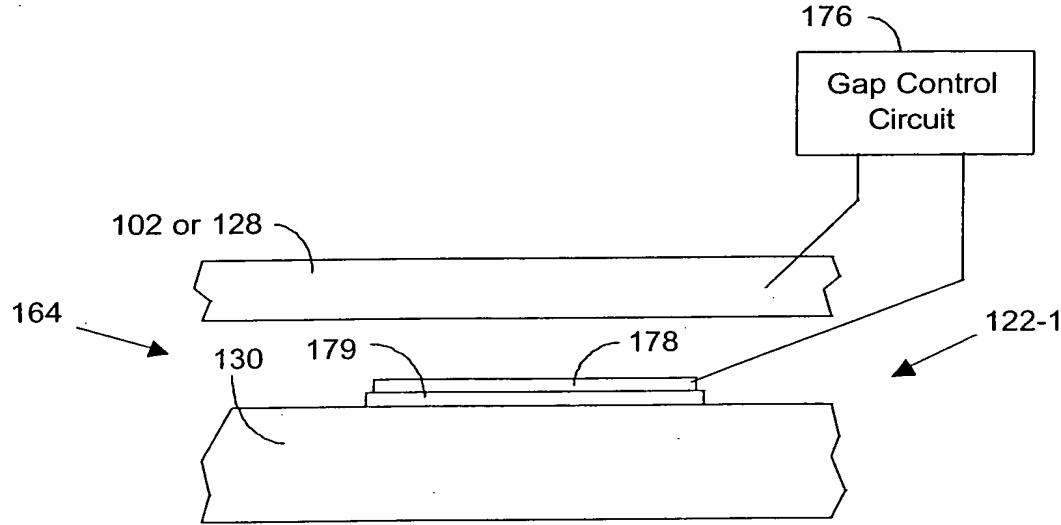


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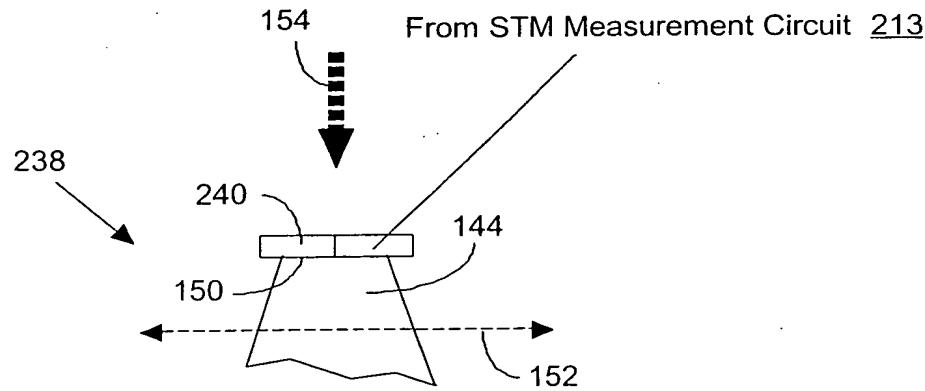


Figure 21



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Sloane (650-326-2400) Docket No. 020921-001611US Page 14 of 55

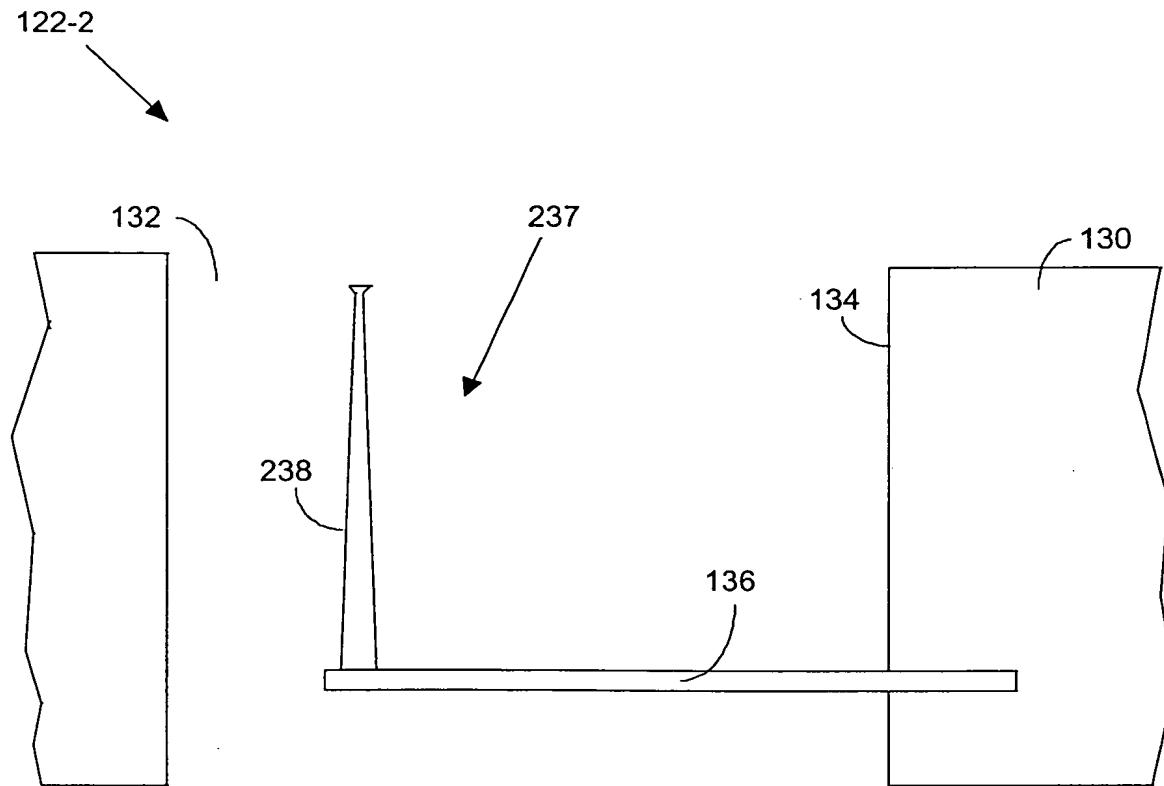


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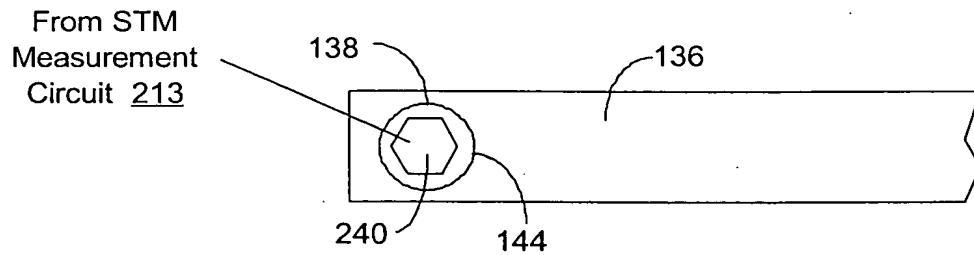


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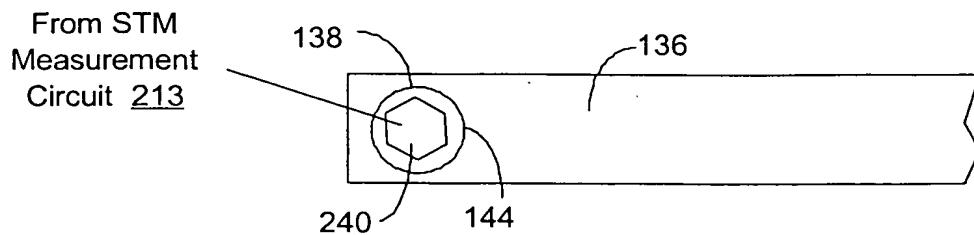


Figure 23



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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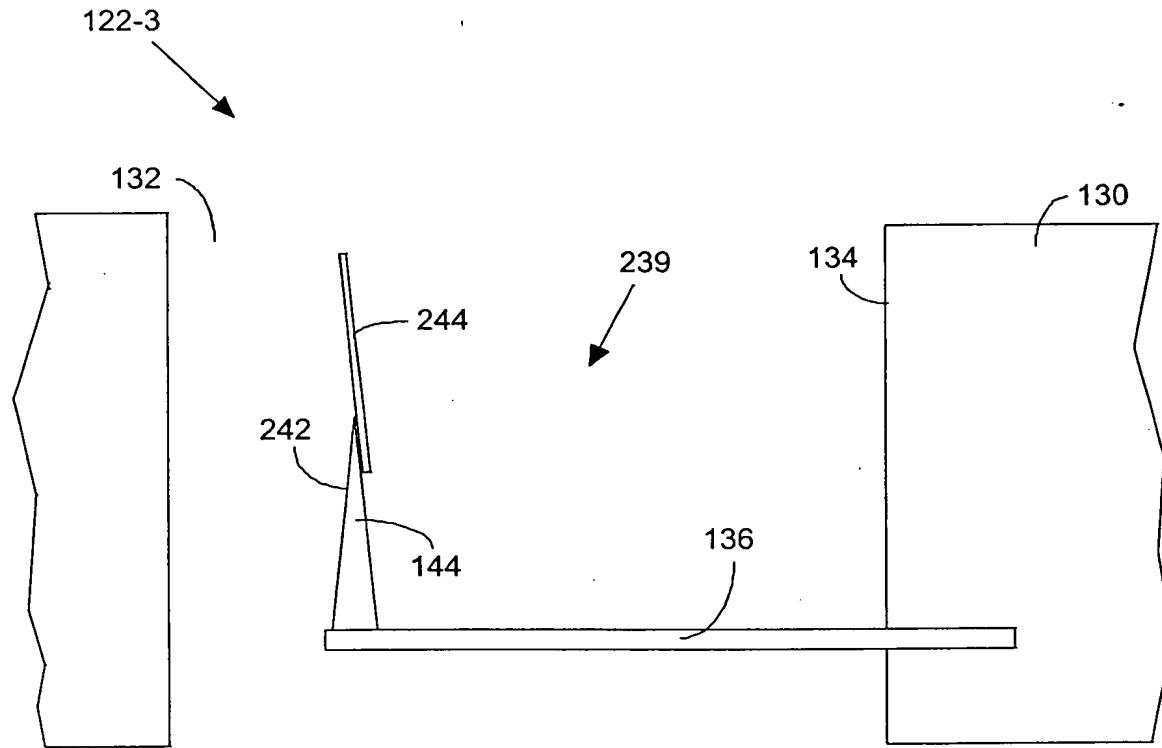


Figure 24

From STM Measurement Circuit 213

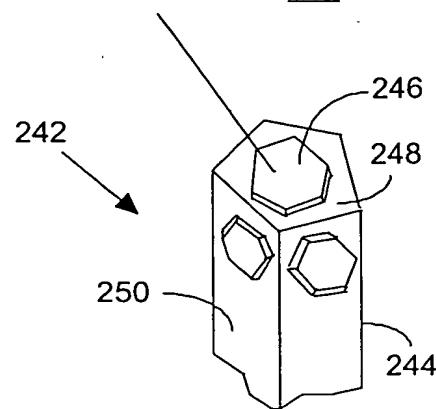


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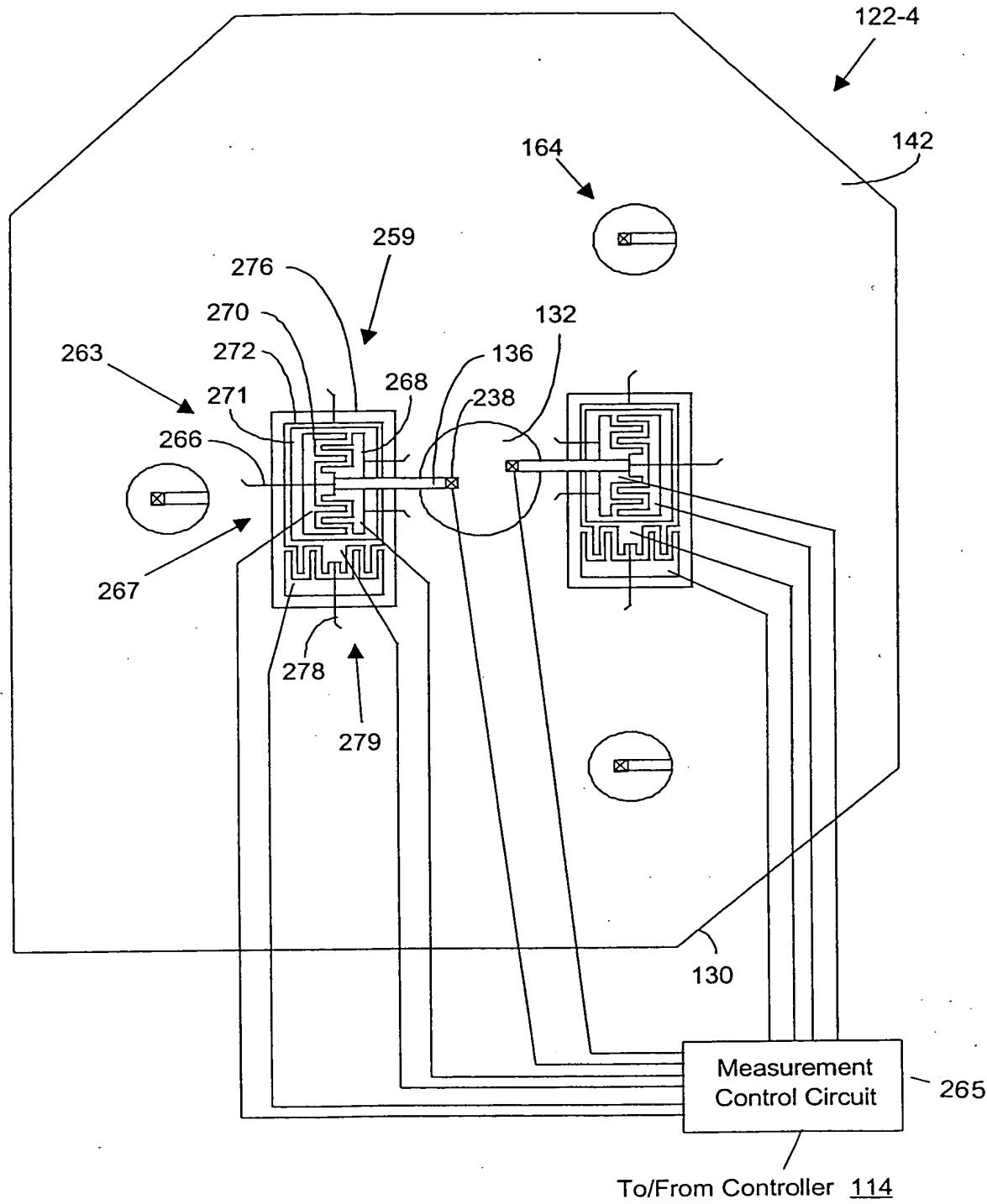


Figure 26



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 17 of 55

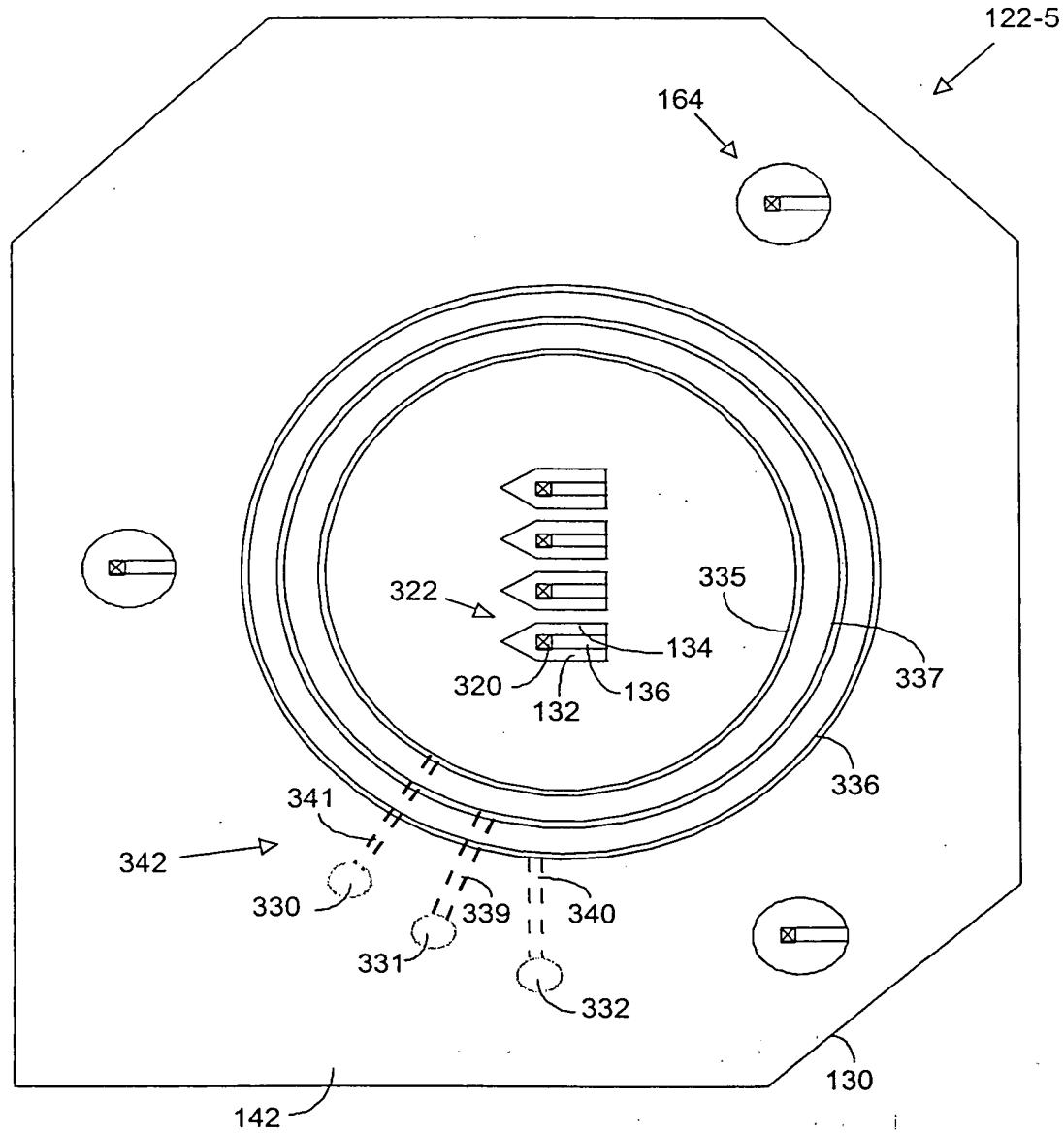


Figure 27



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 18 of 55

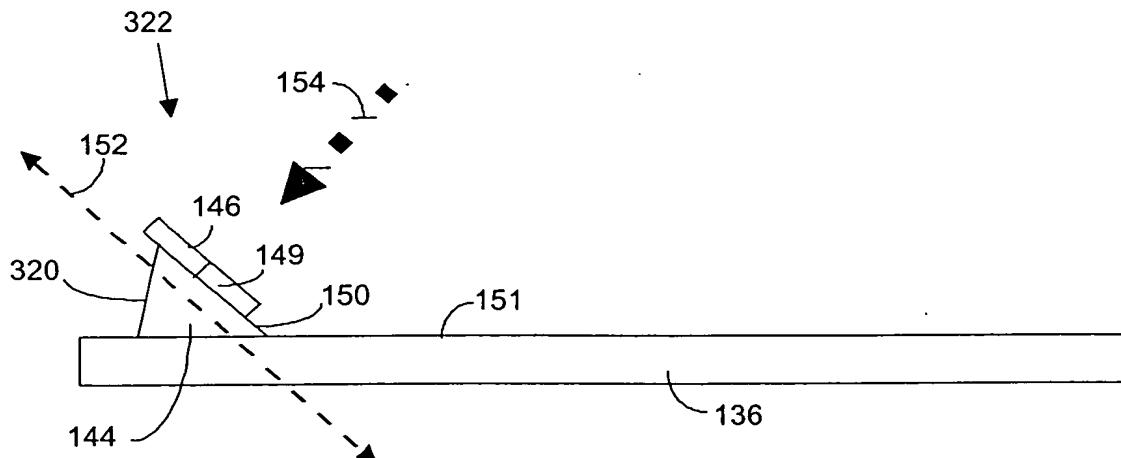


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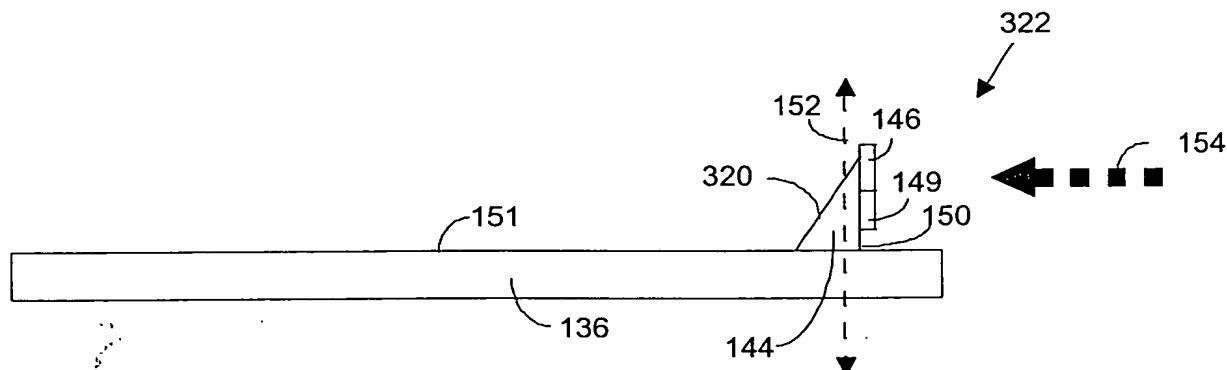


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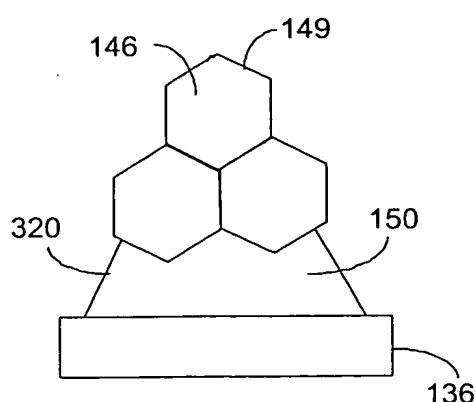


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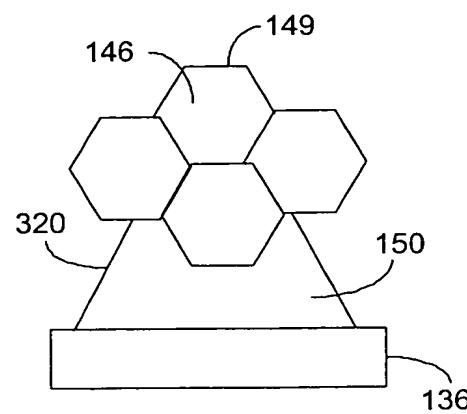


Figure 31



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 19 of 55

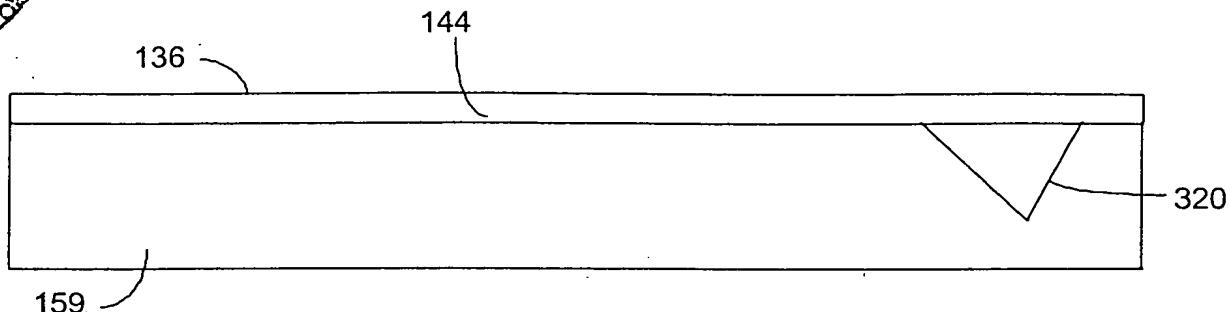


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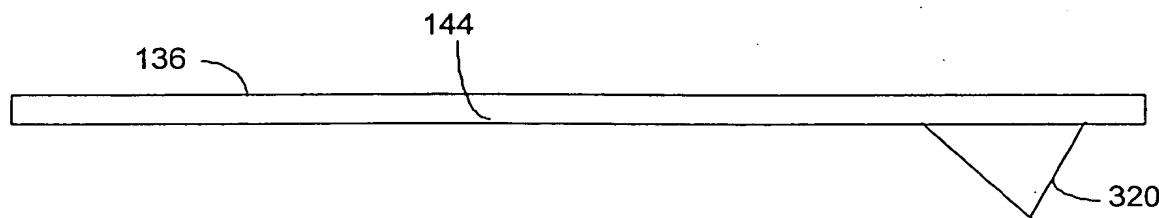


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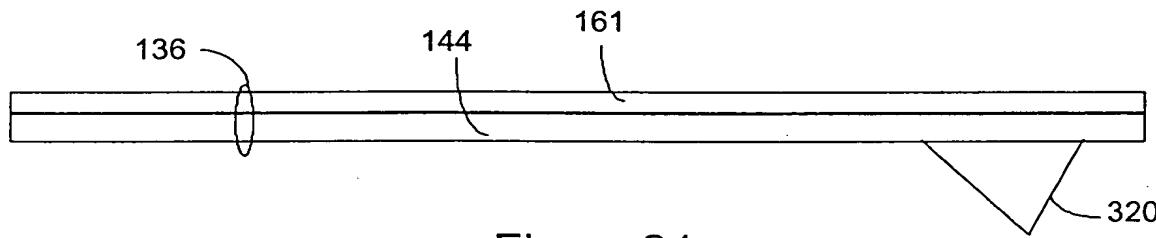


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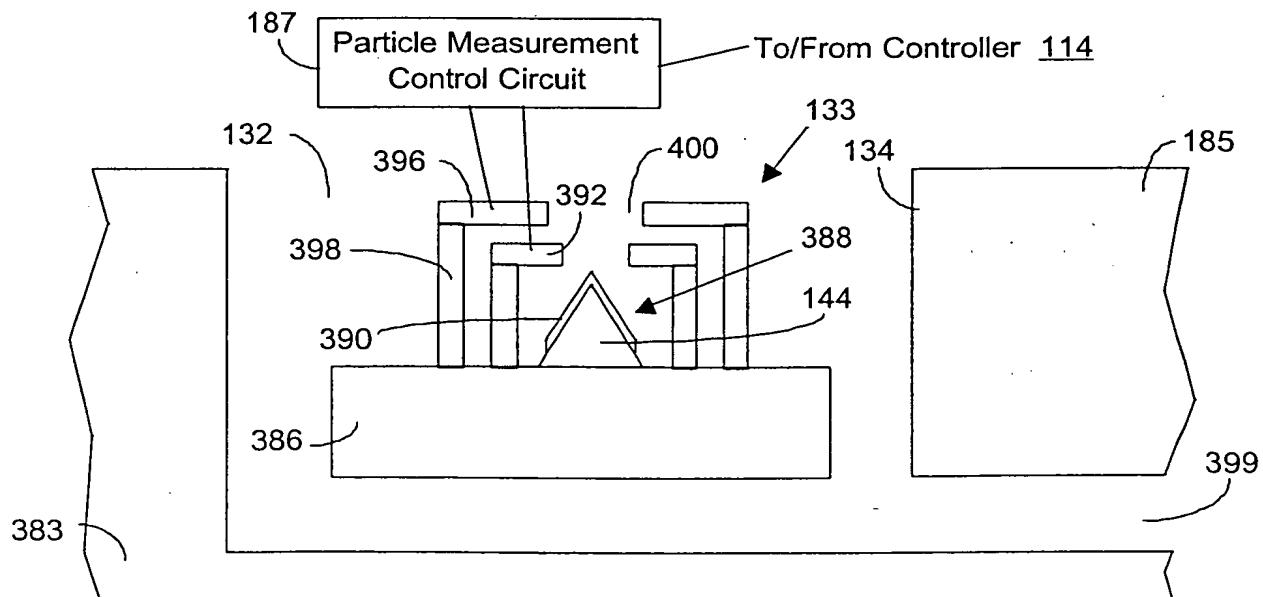


Figure 43



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 19 of 55

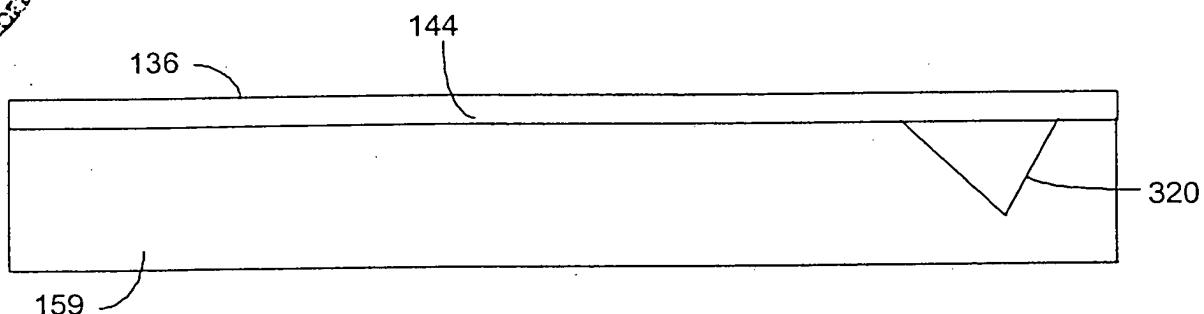


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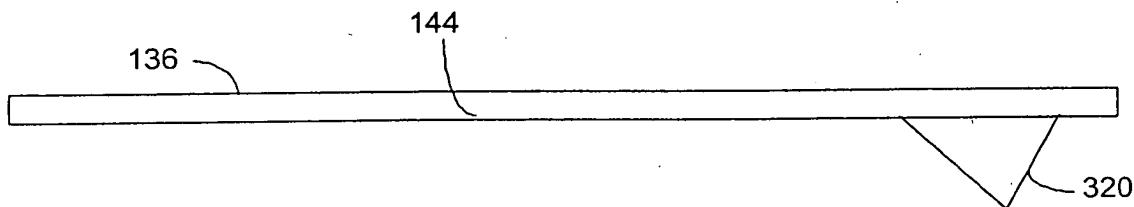


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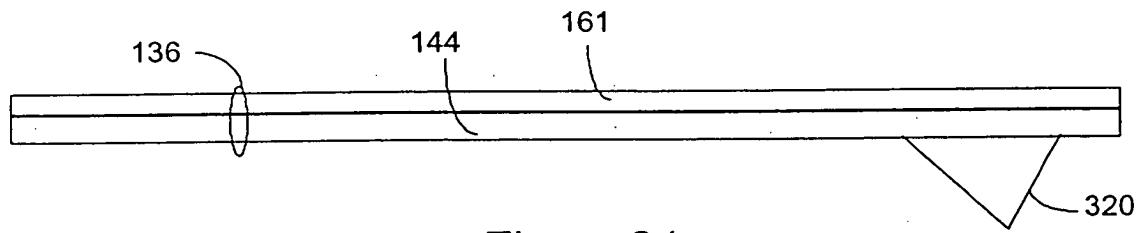


Figure 34



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/1999
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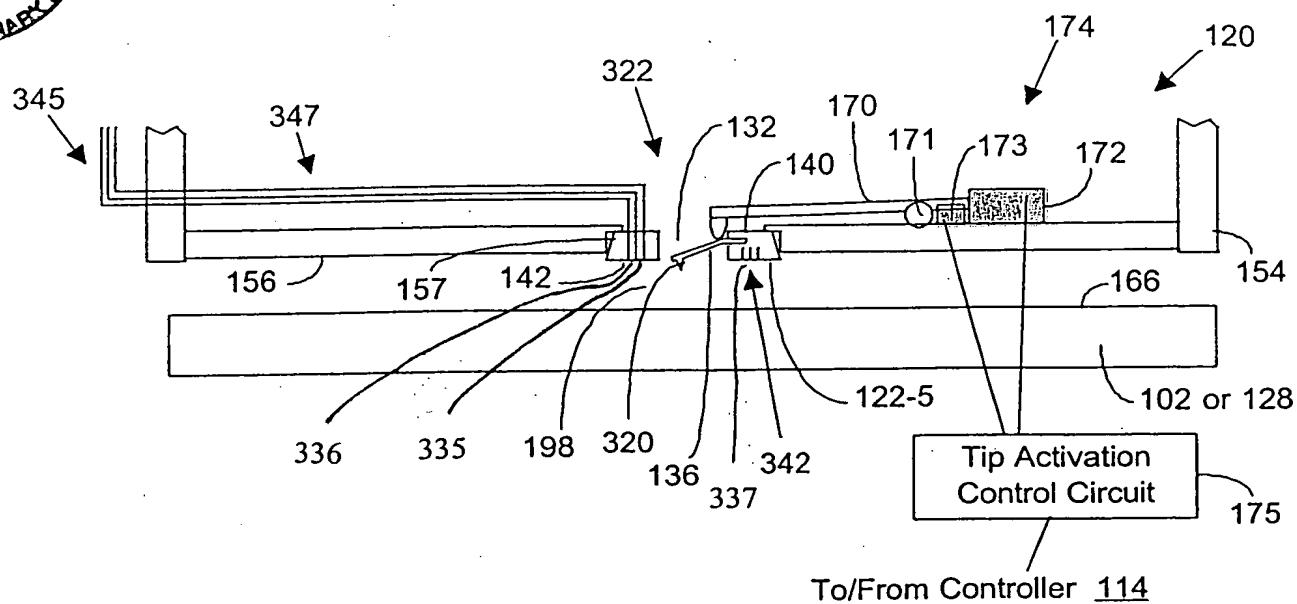


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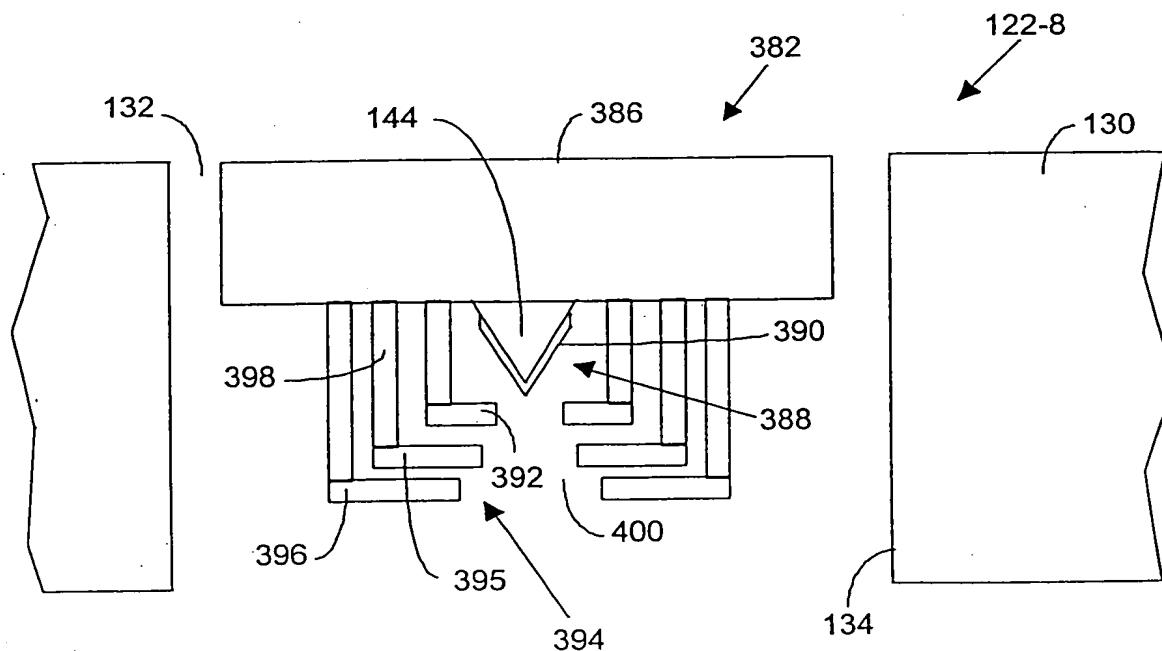


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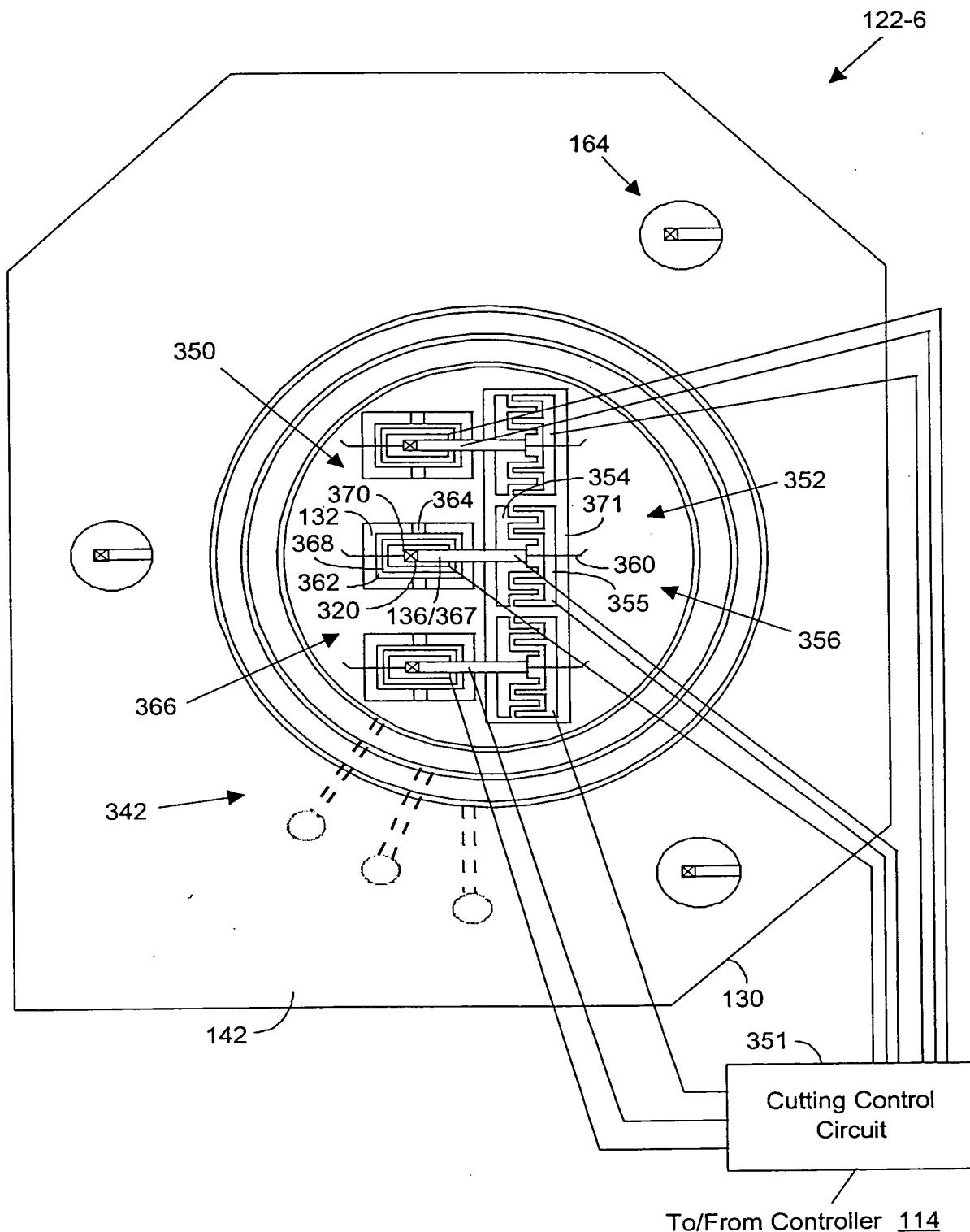
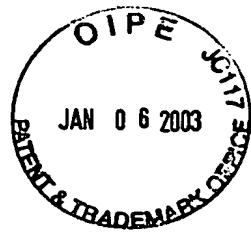


Figure 36



Title: Scanning Probe Microscope Assembly Inspection and Modification System
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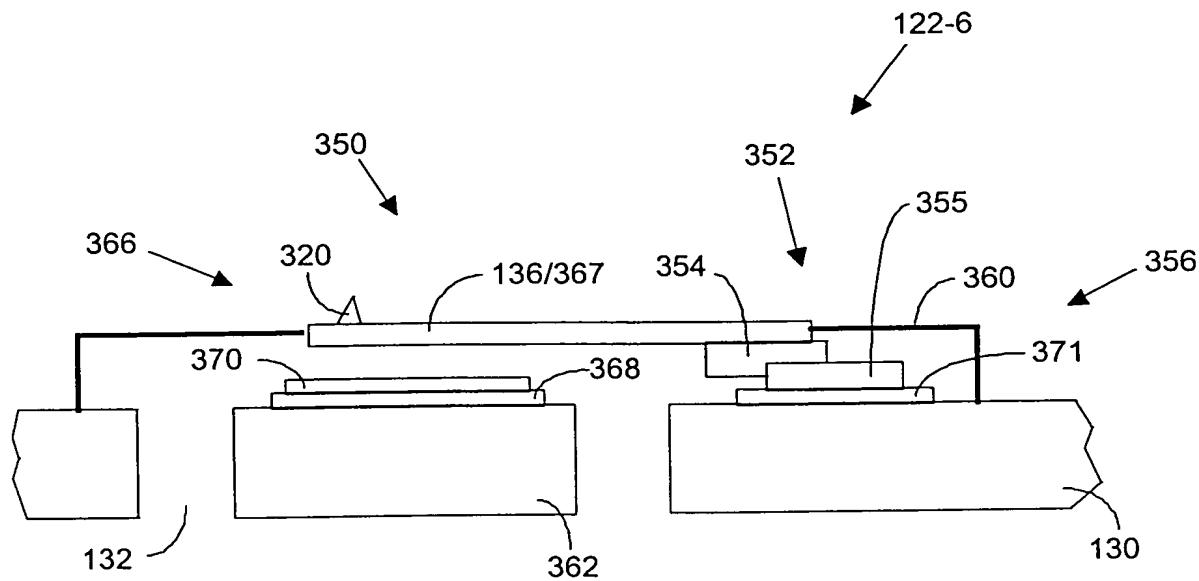


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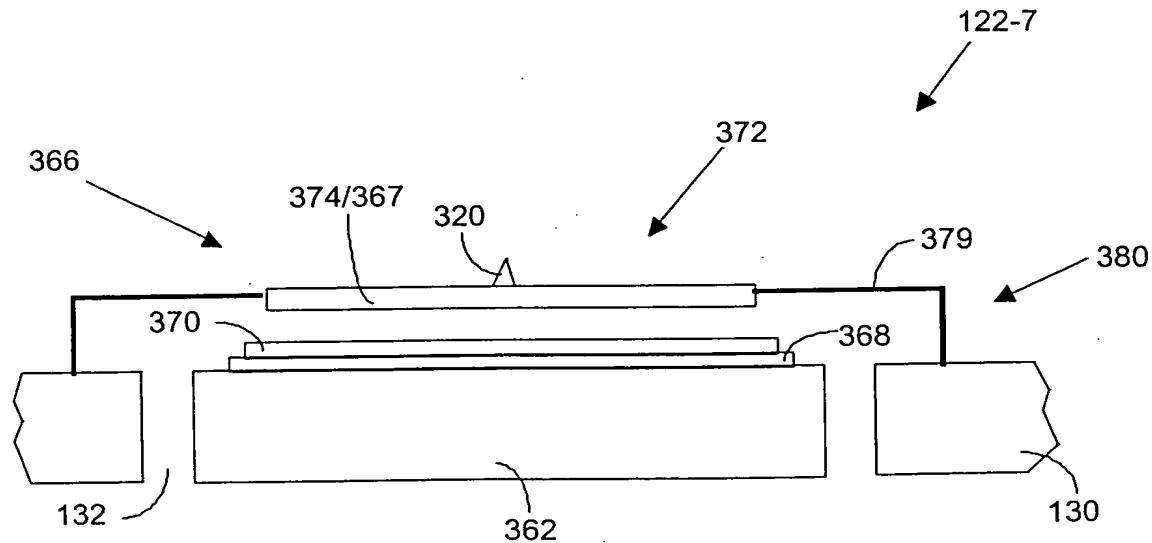


Figure 39



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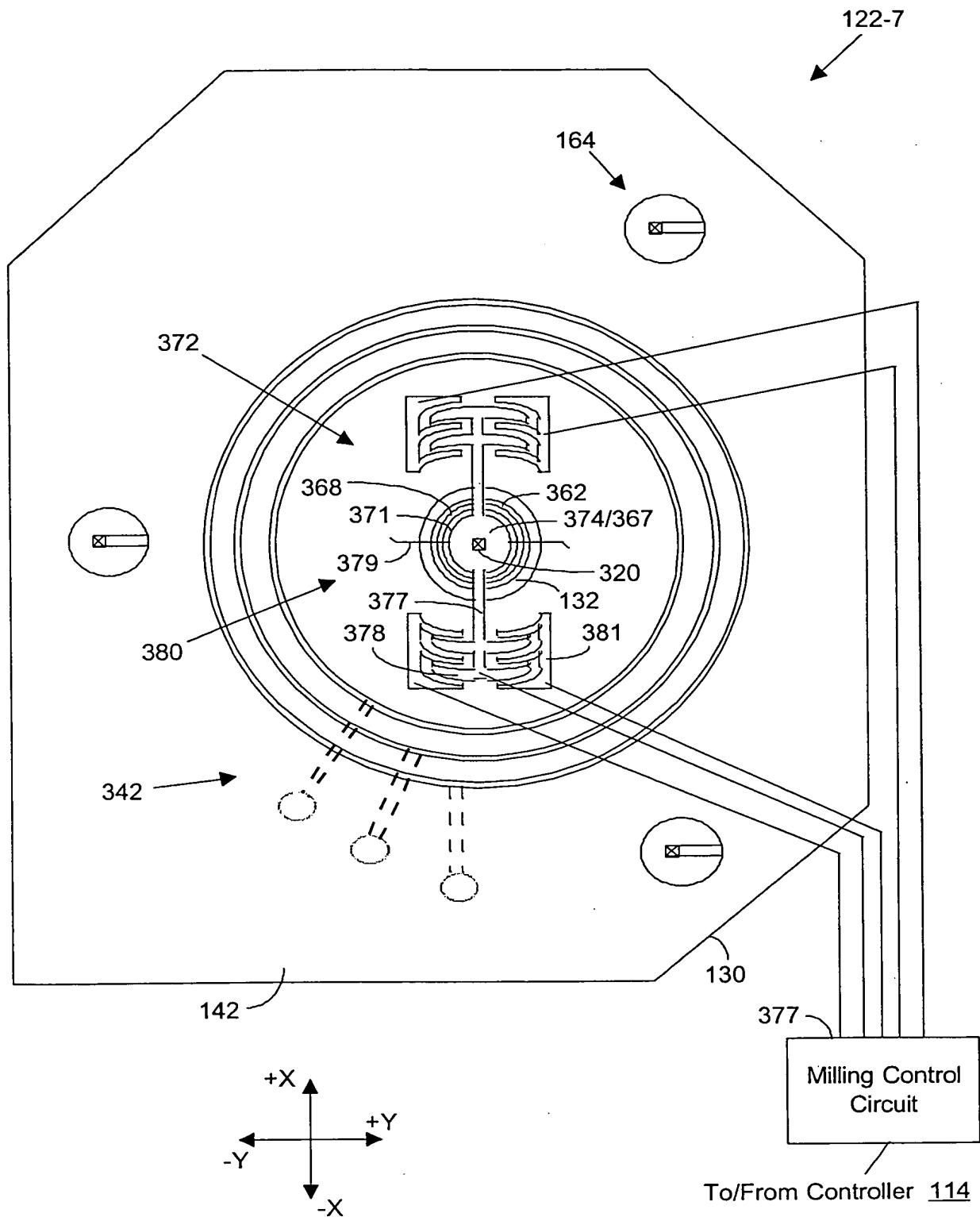


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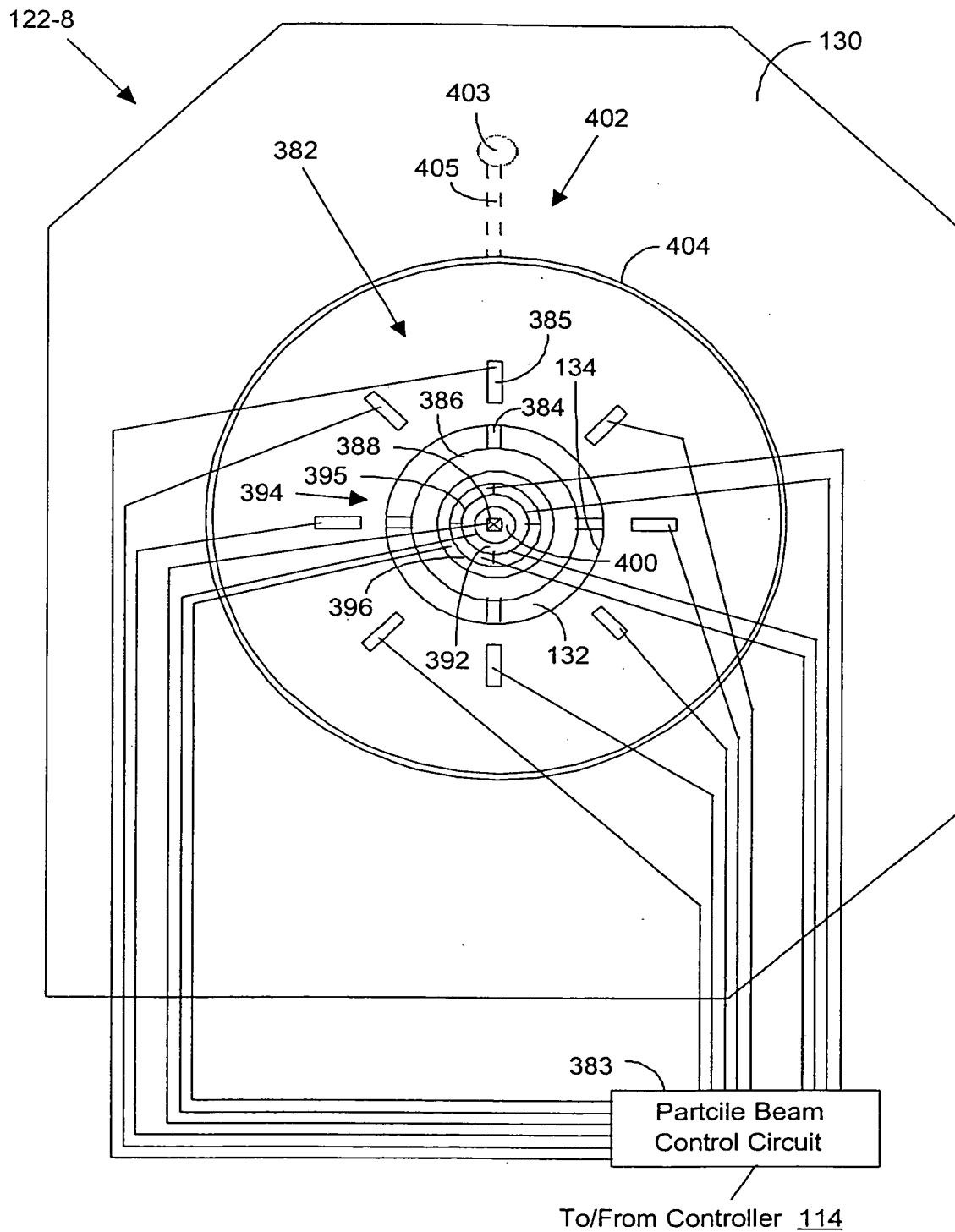


Figure 40



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 Inventor: Victor B. Kley App. No. 09/191,780; Filed: 07/31/01
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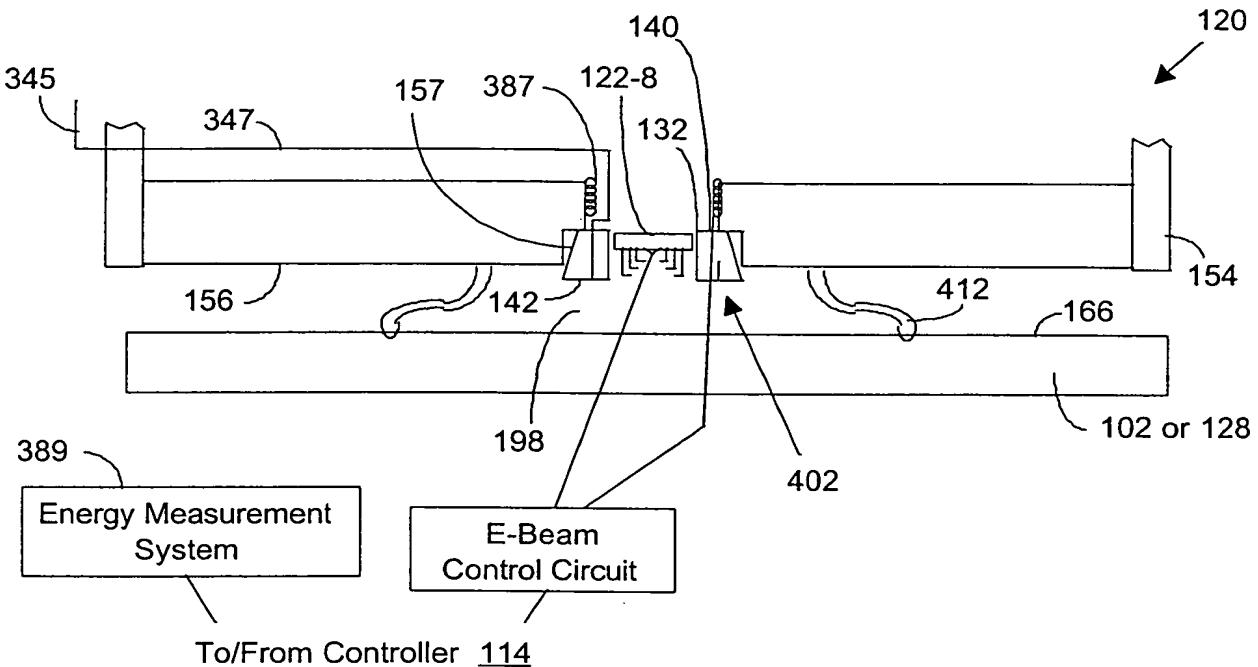


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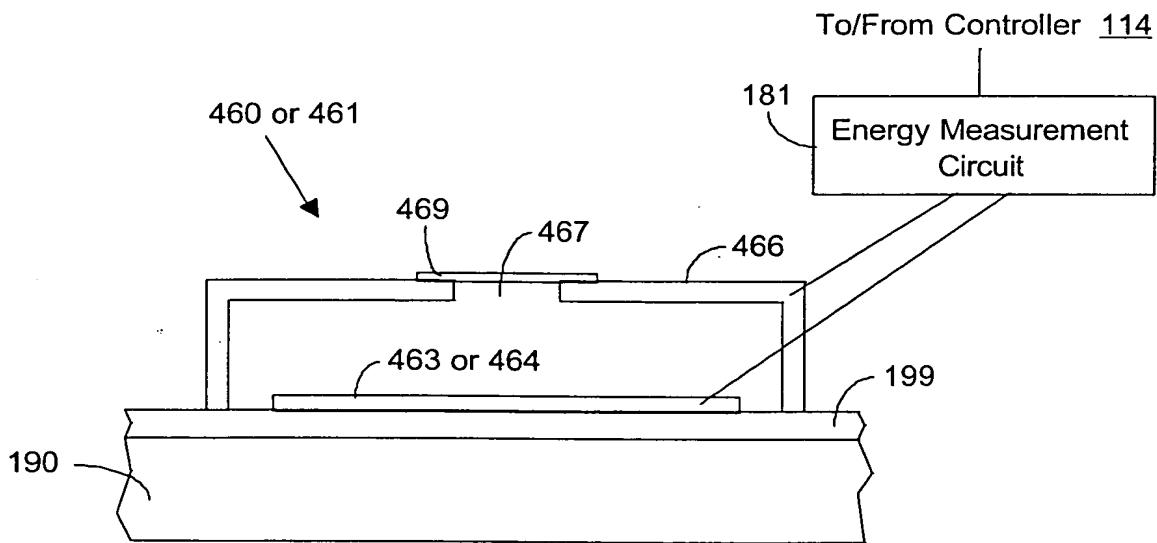


Figure 52



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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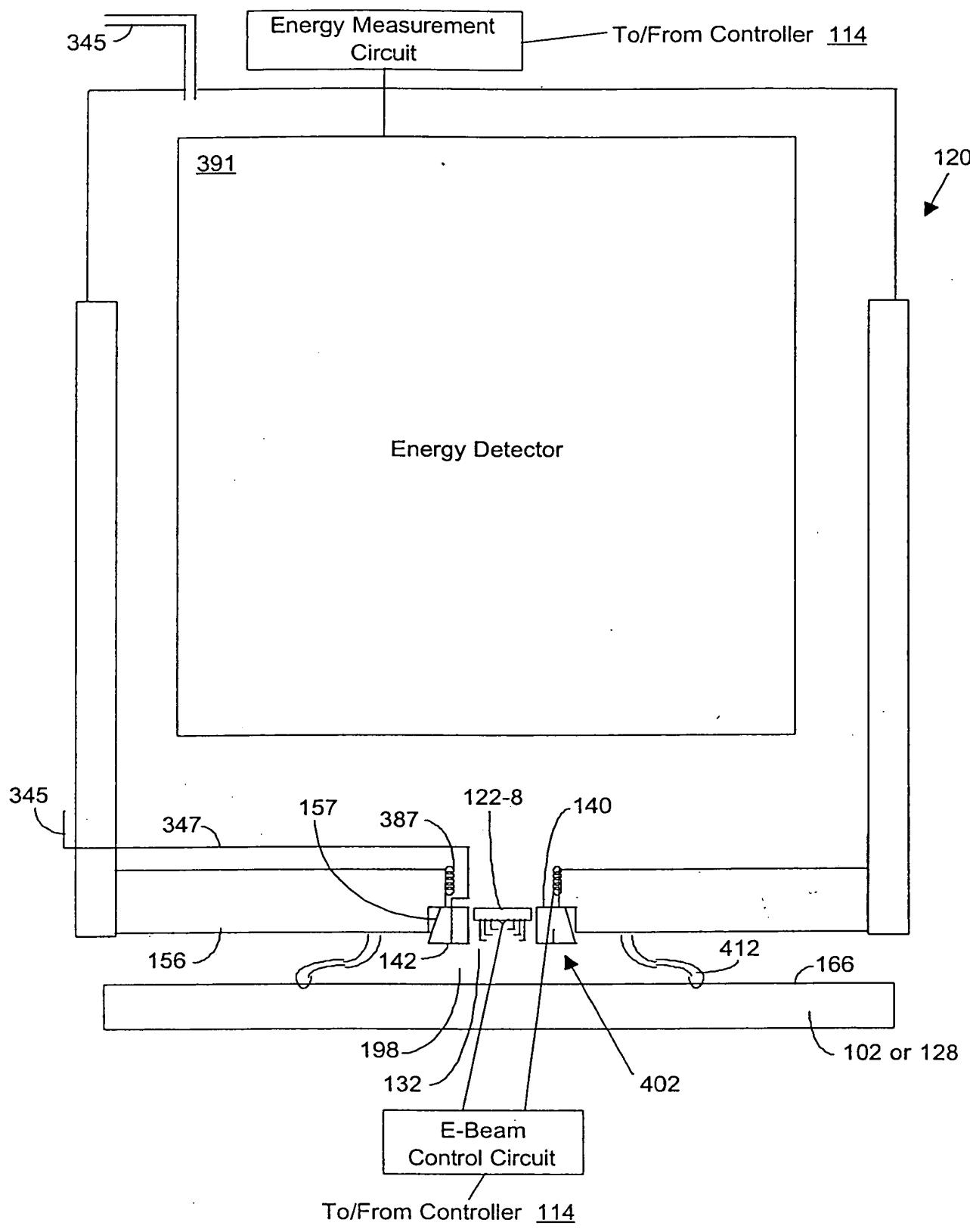


Figure 43



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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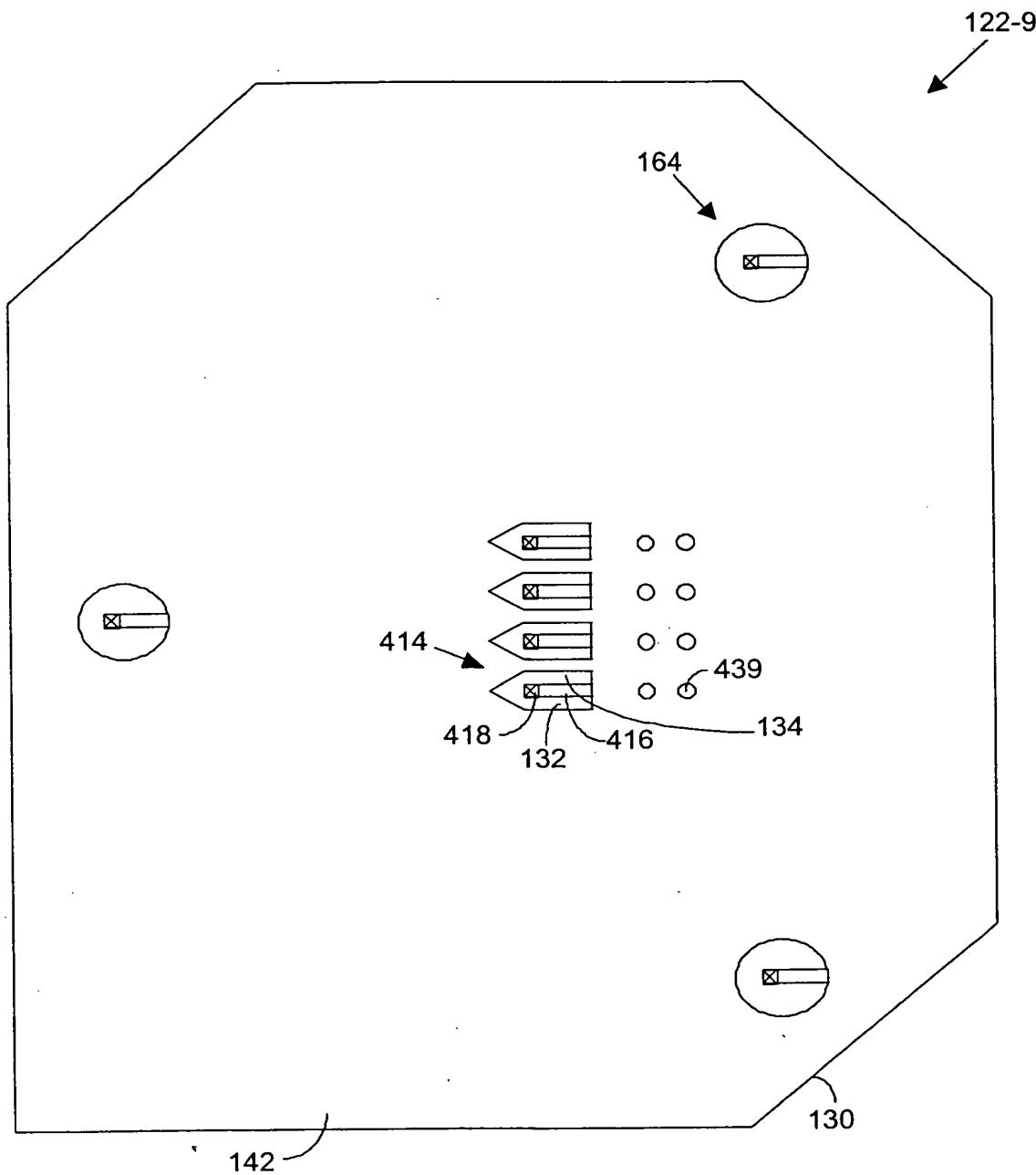


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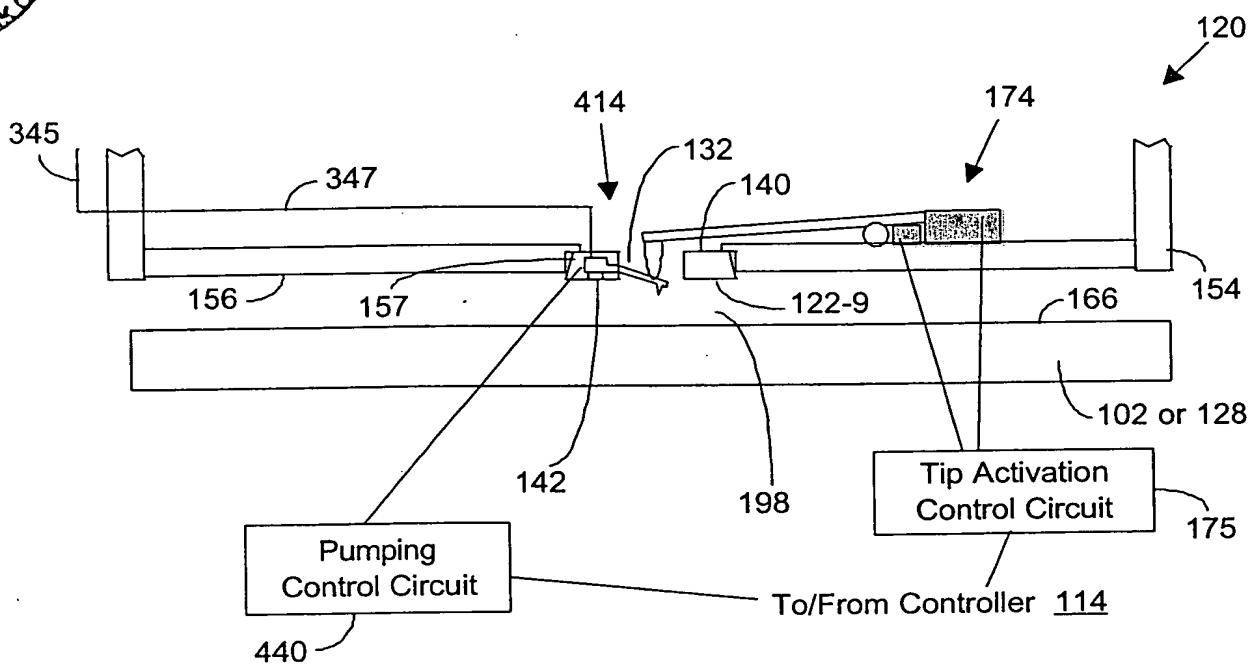
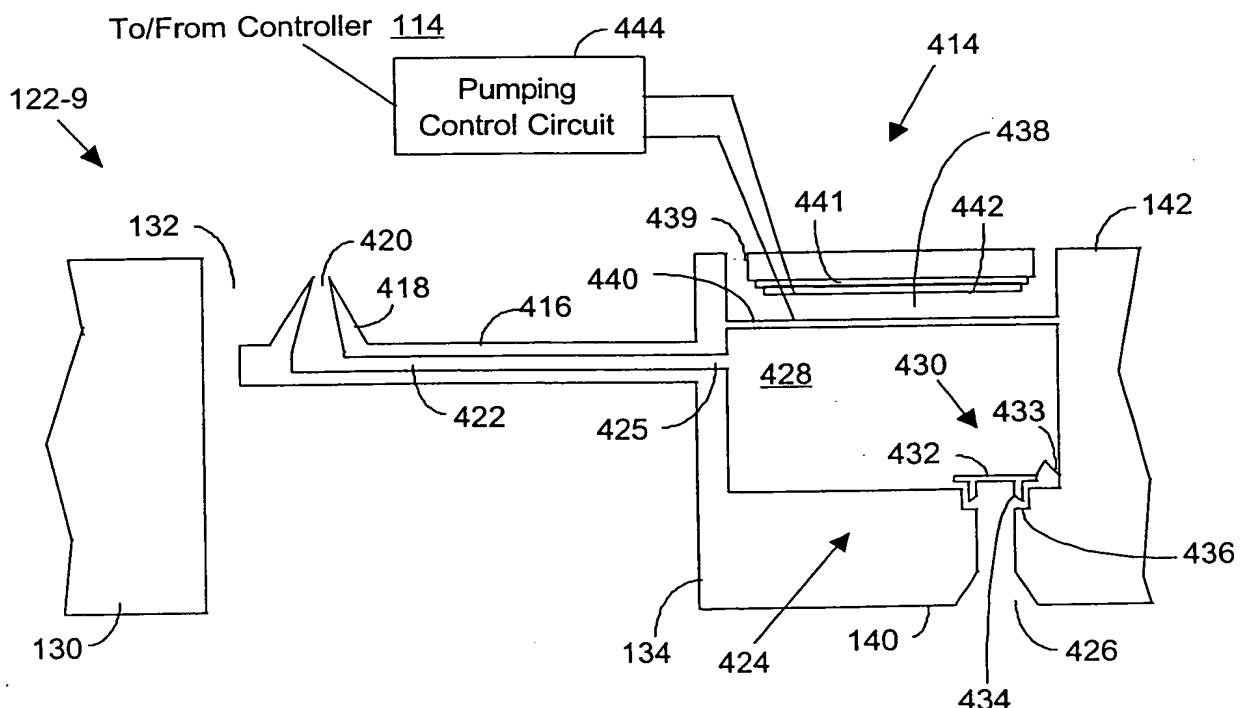


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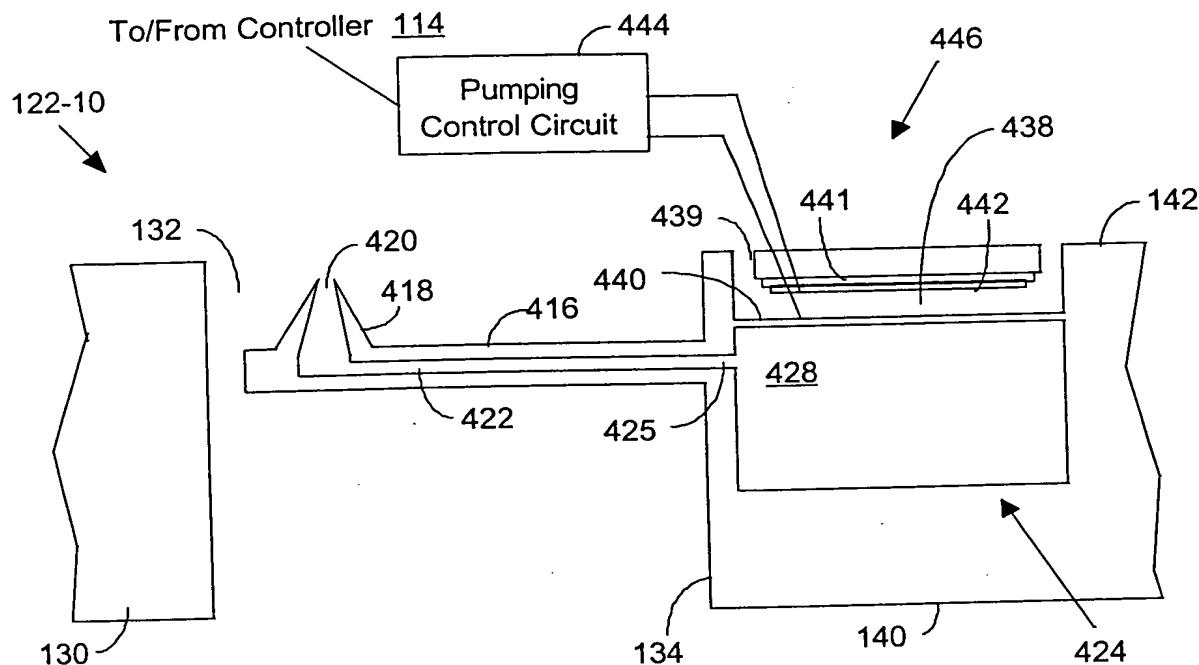


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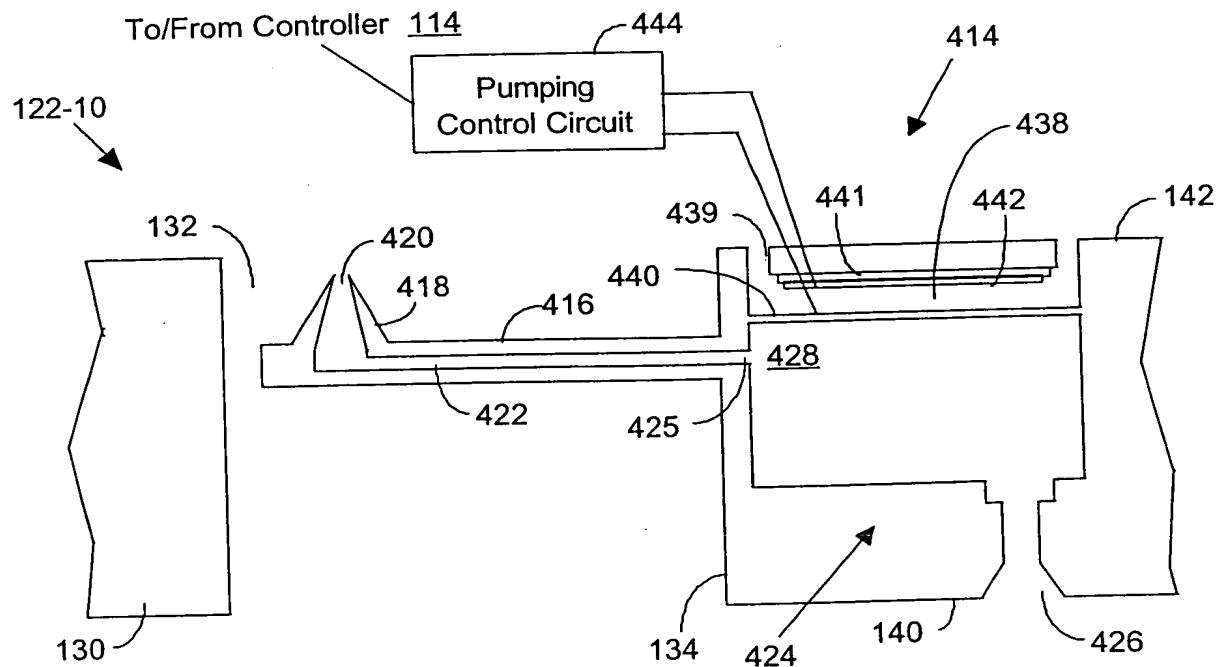


Figure 47



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Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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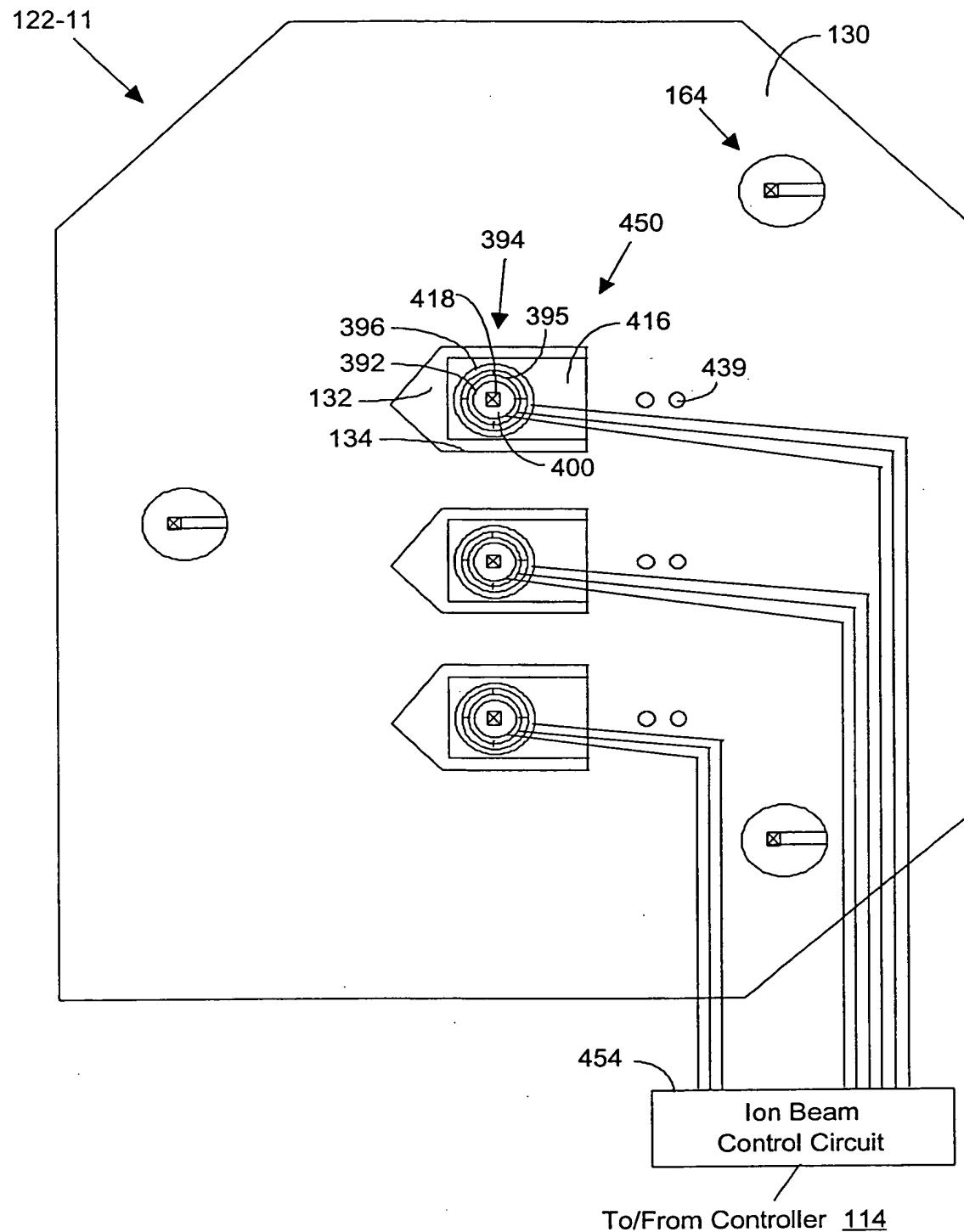


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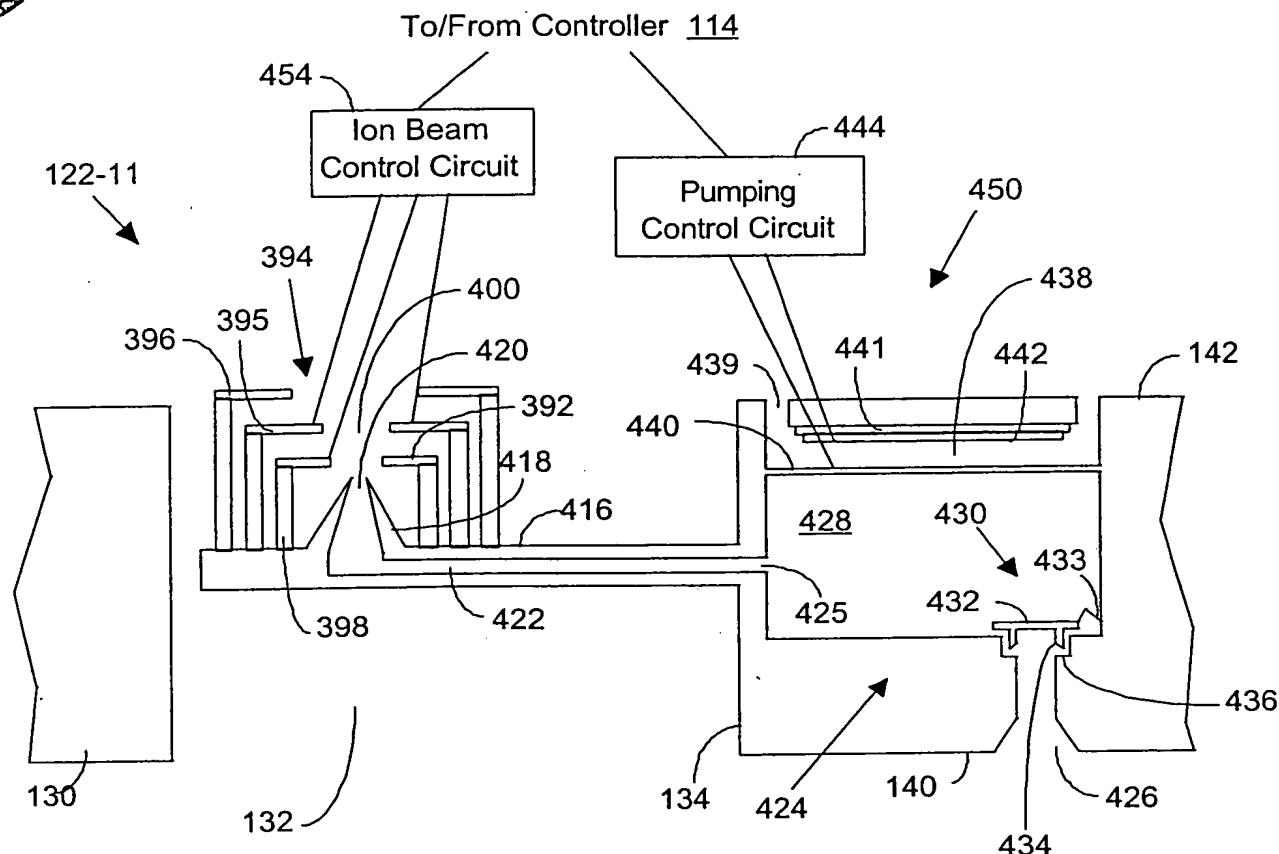


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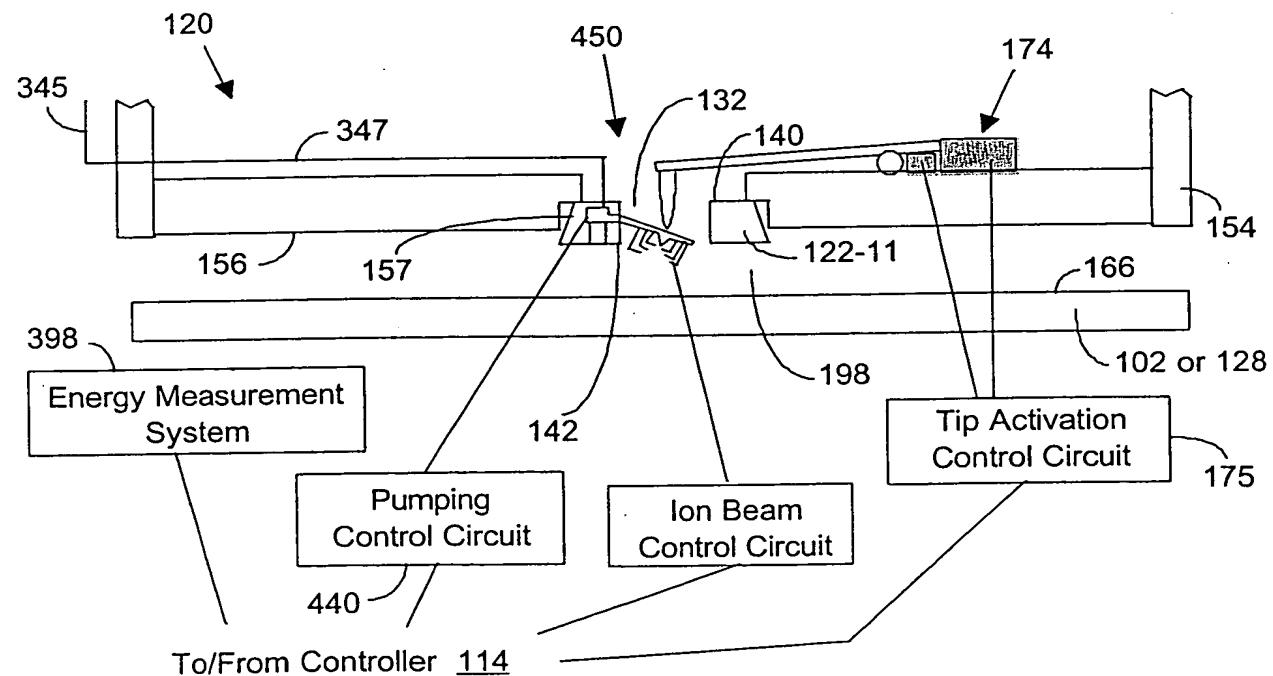


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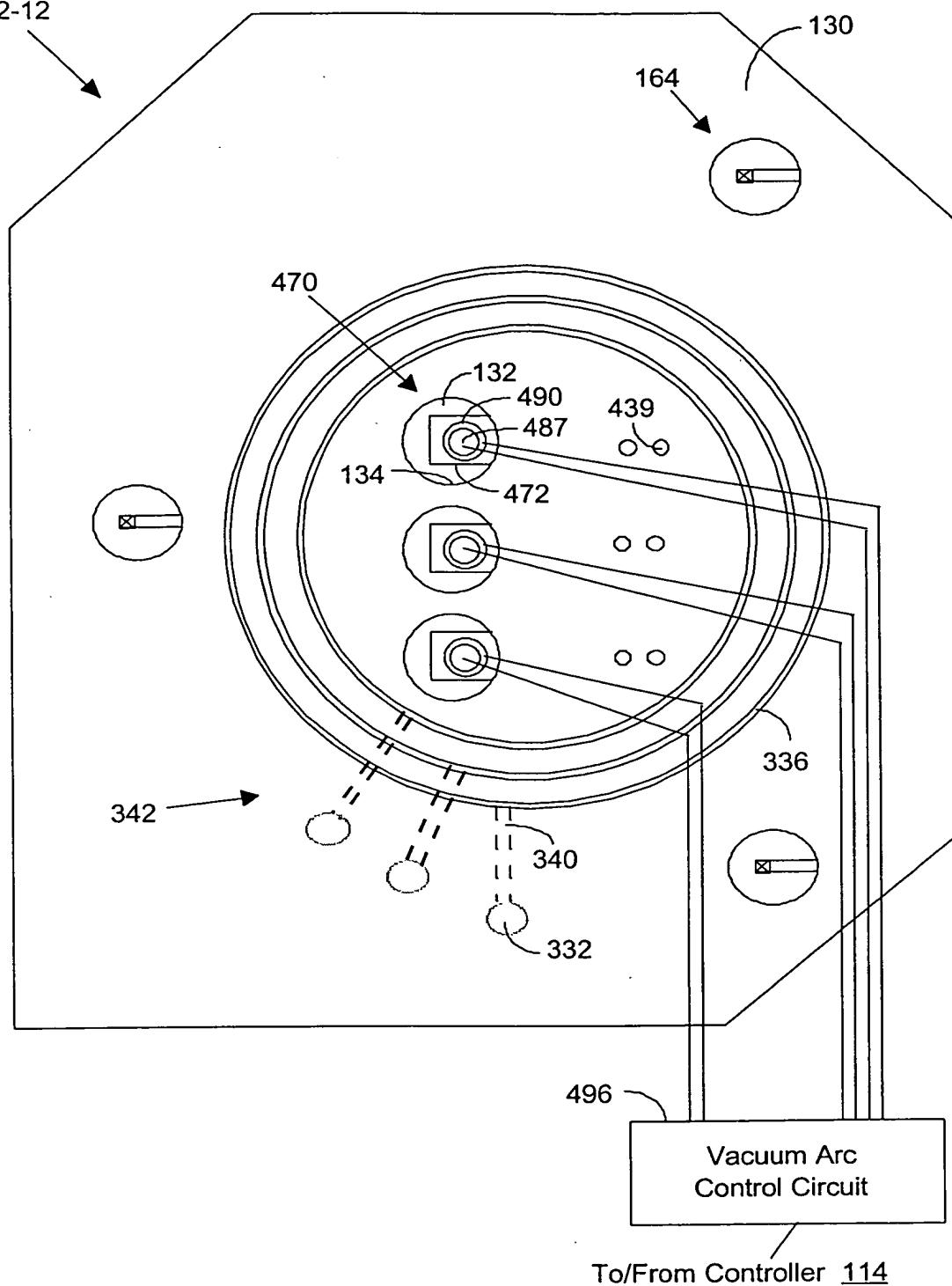
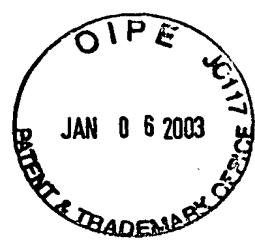


Figure 53



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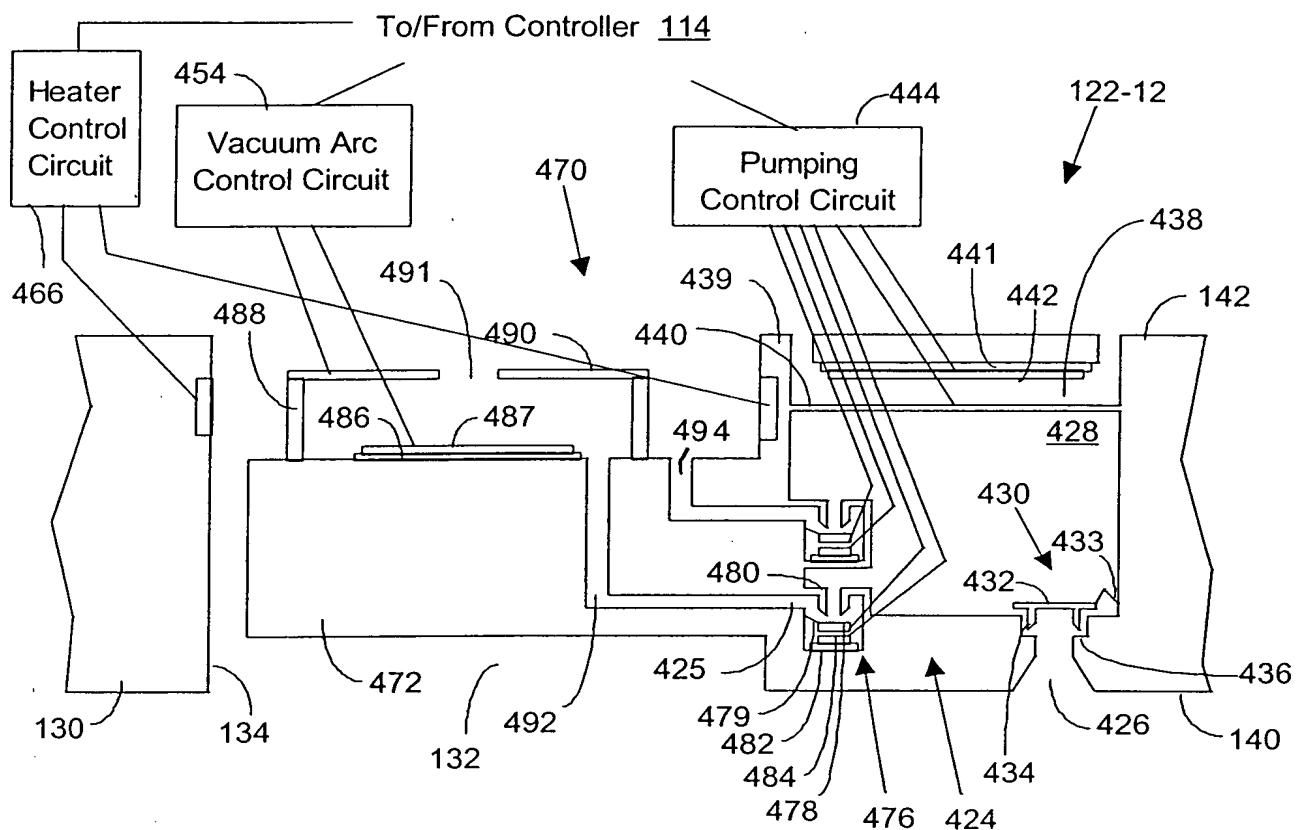


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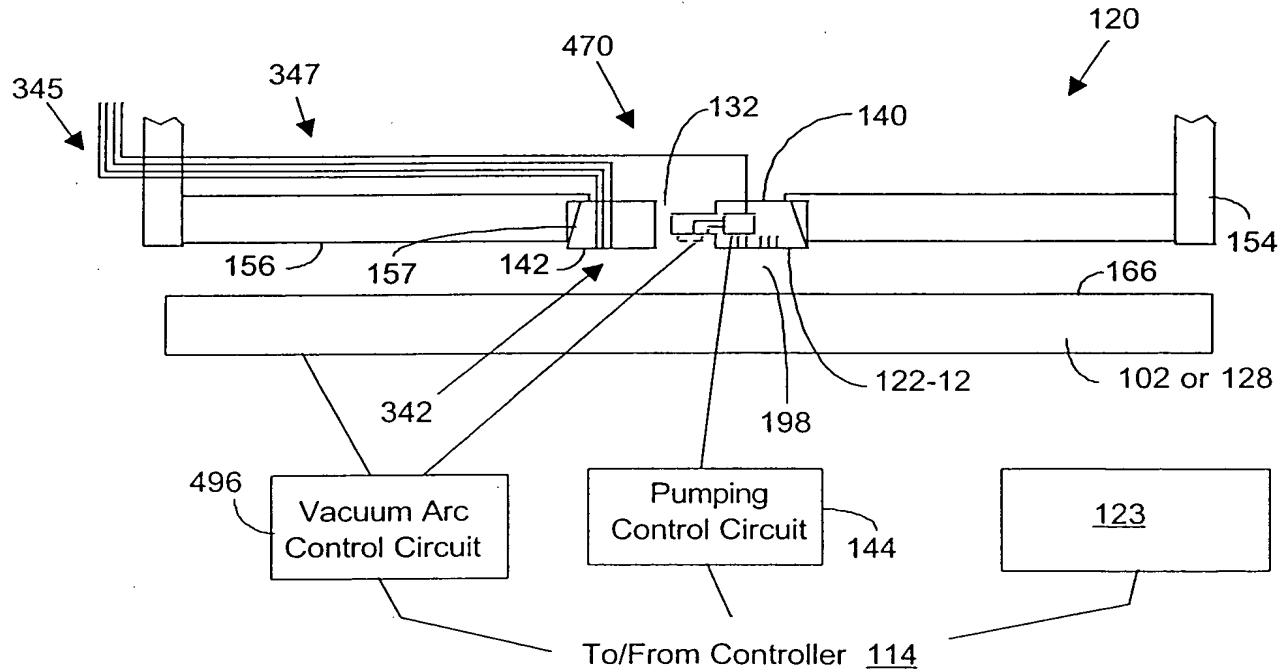
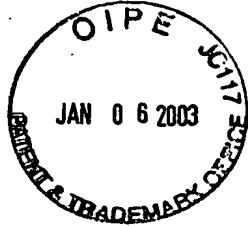


Figure 55



Title: Scanning Probe Microscope Assembly Inspection and Modification System
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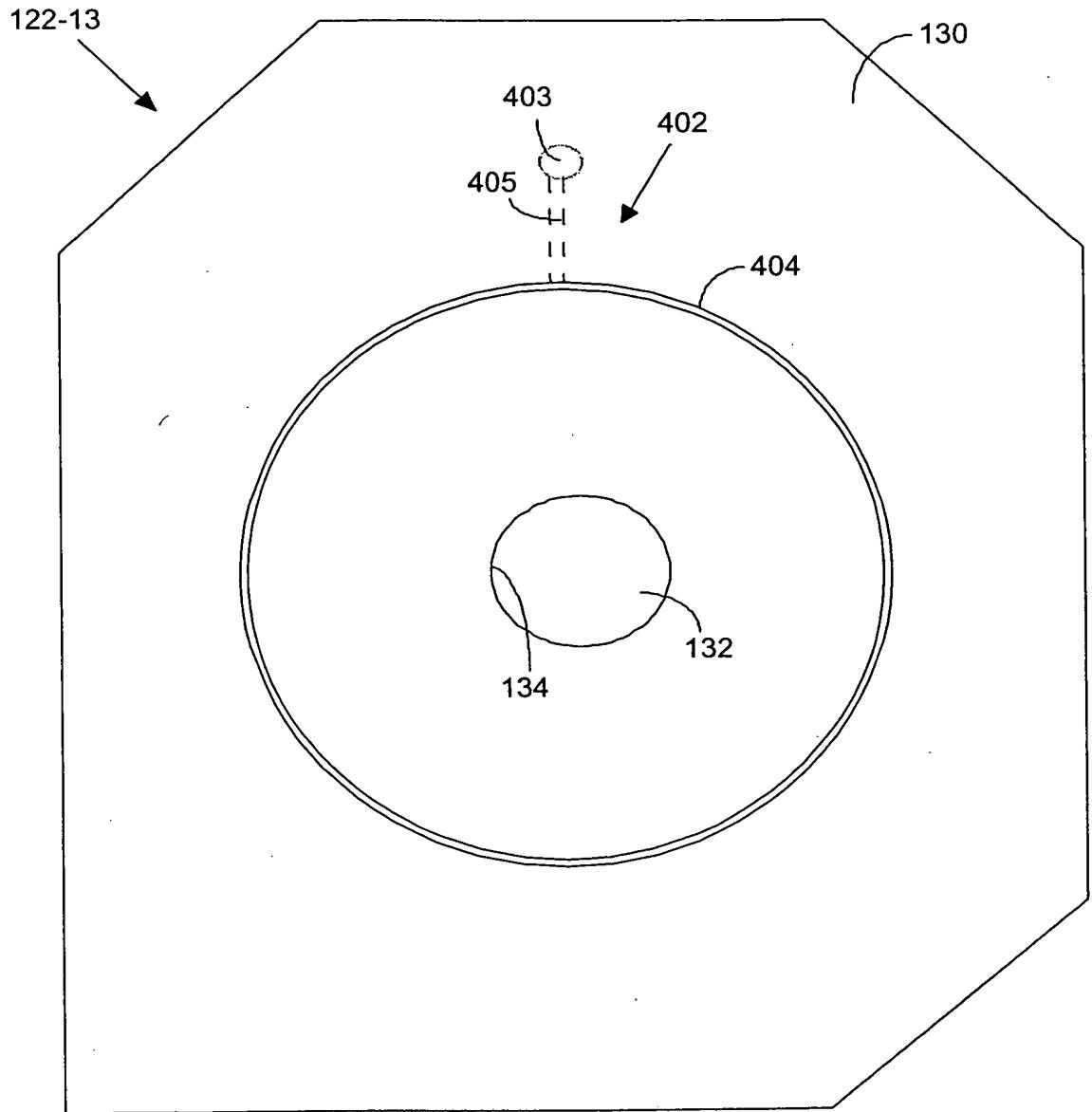


Figure 56



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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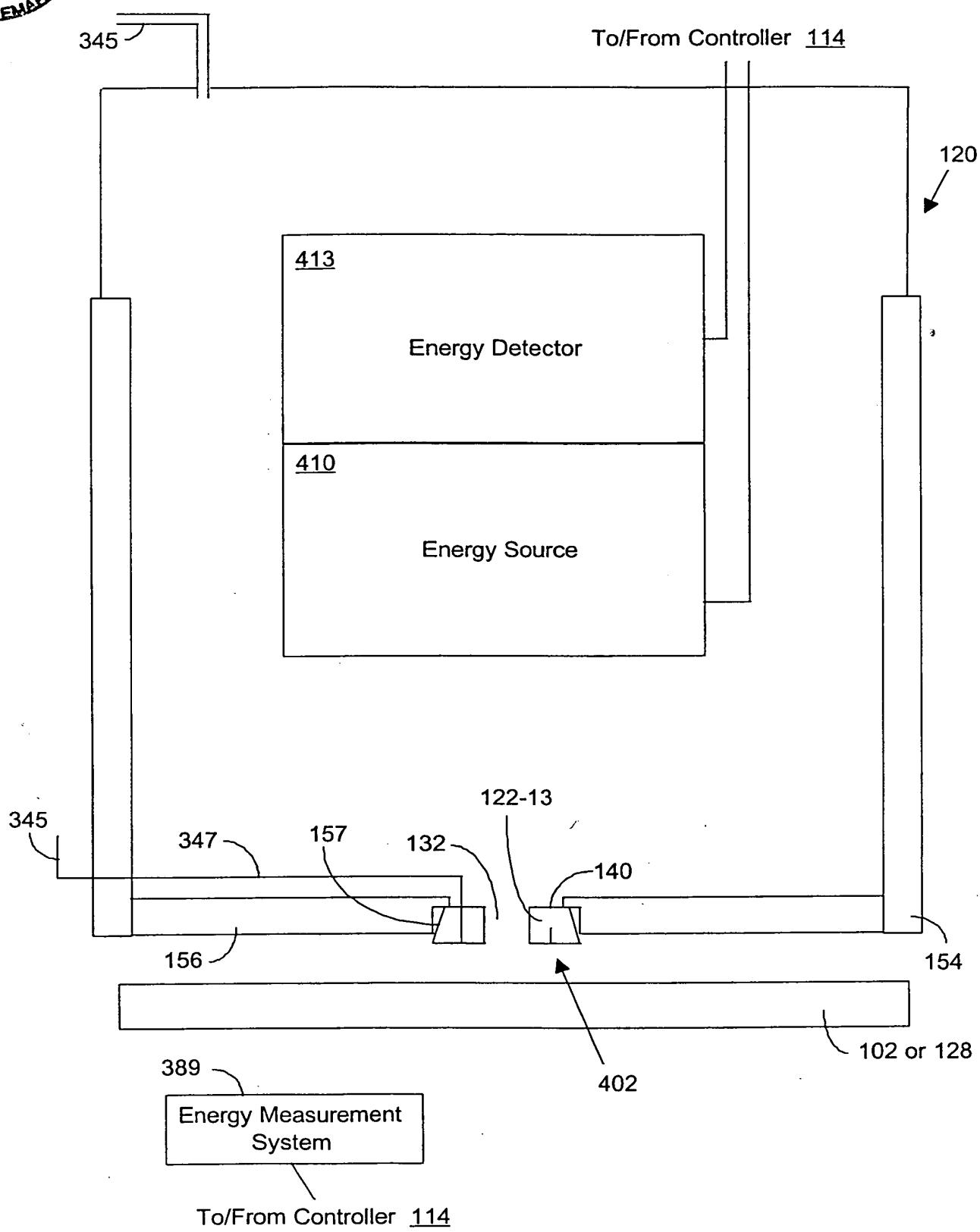


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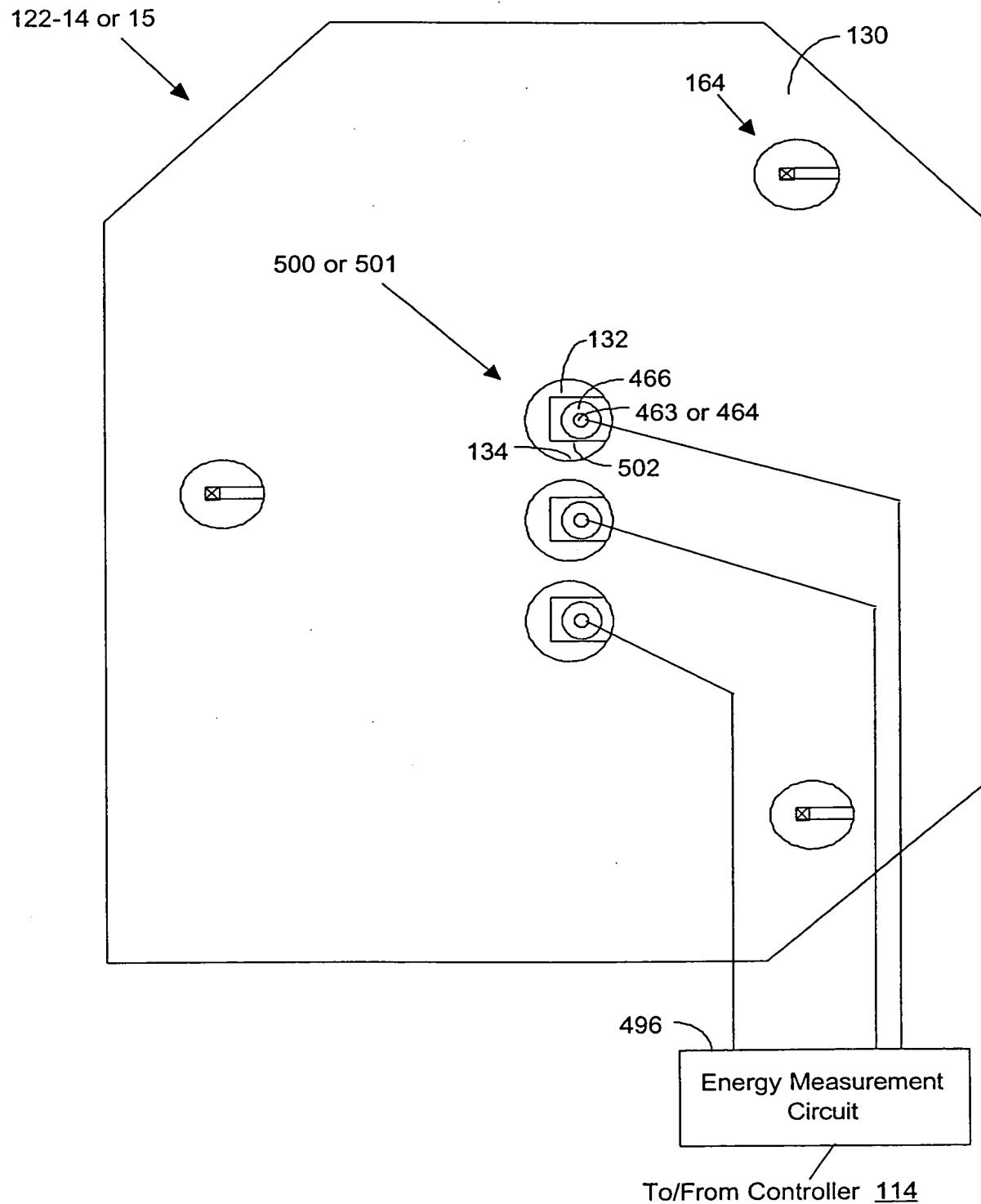


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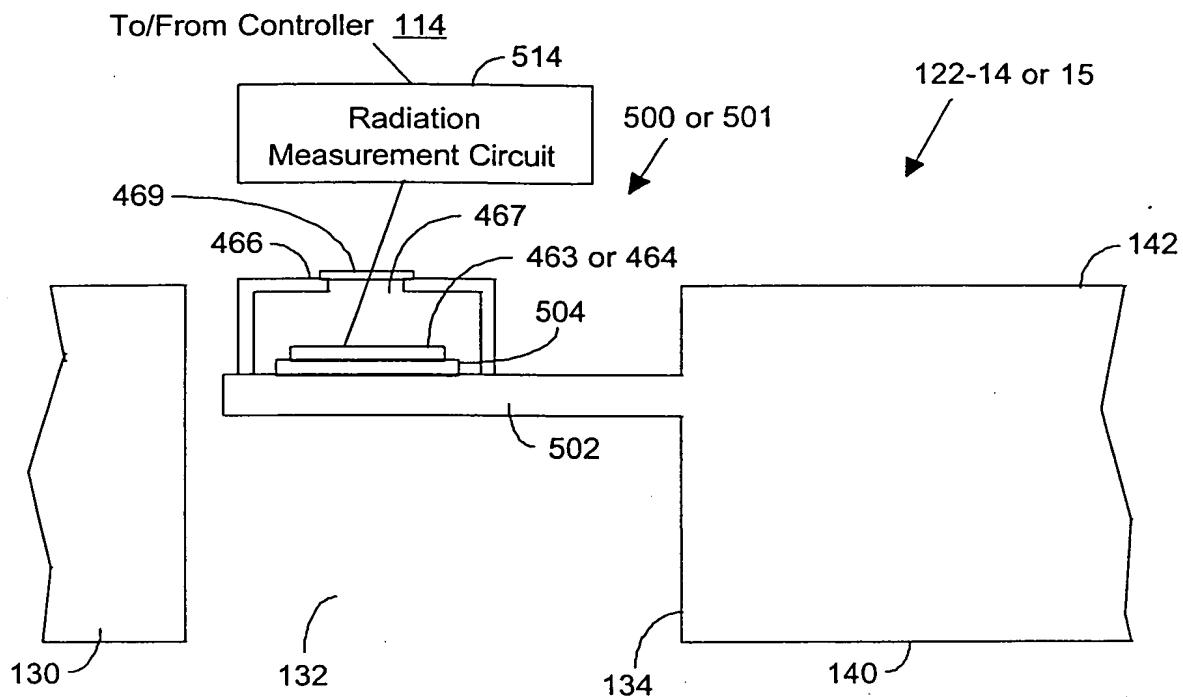


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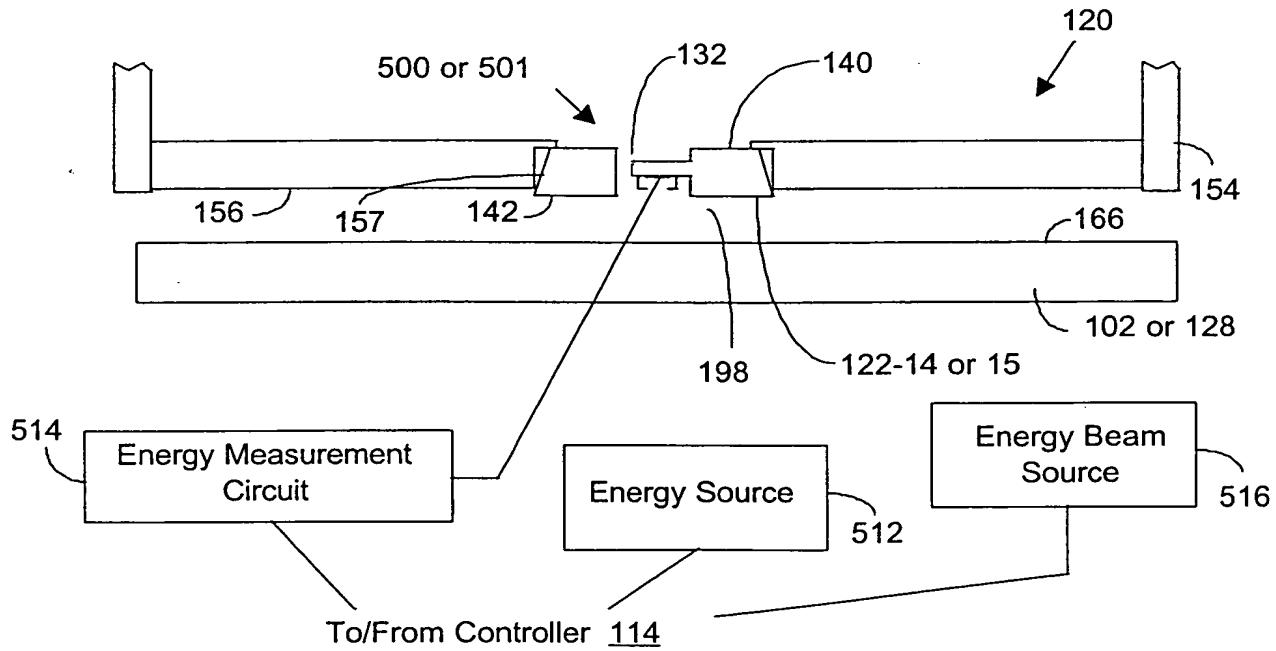


Figure 60



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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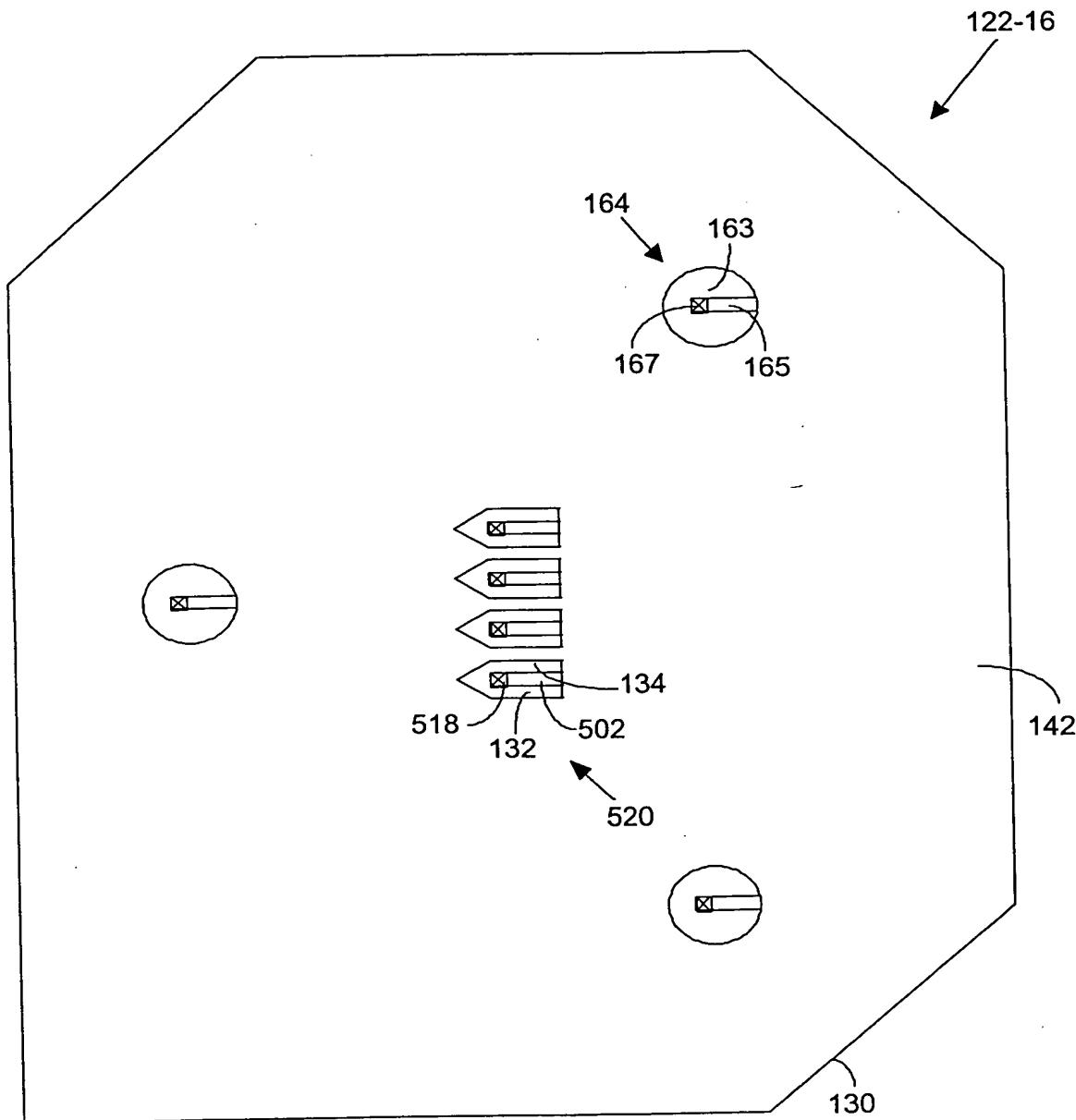


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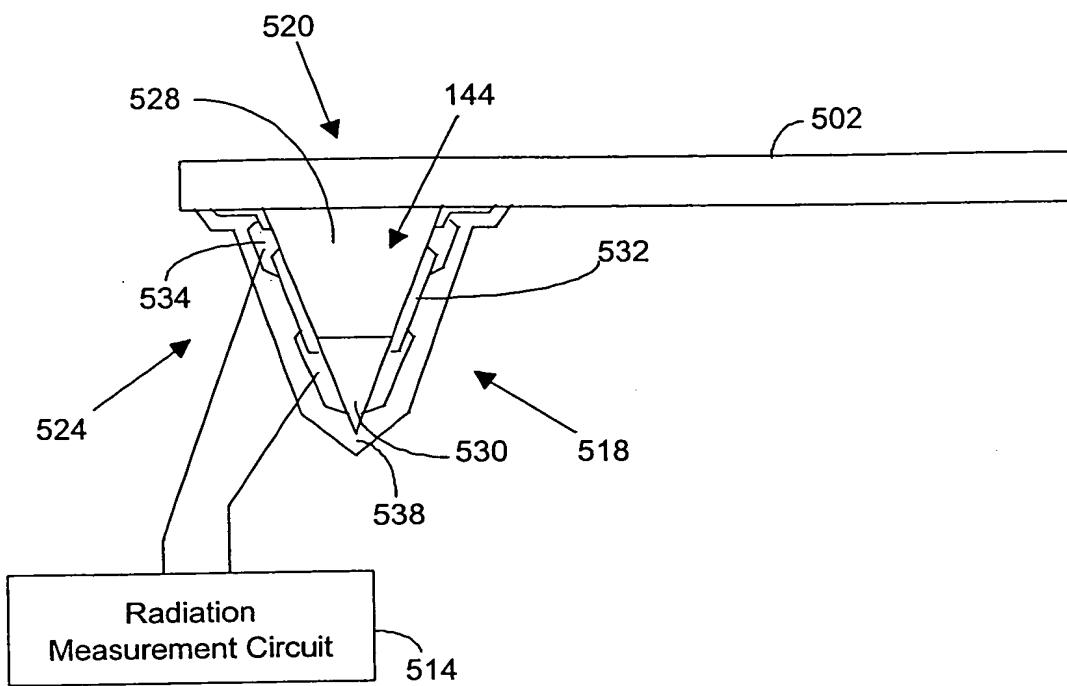


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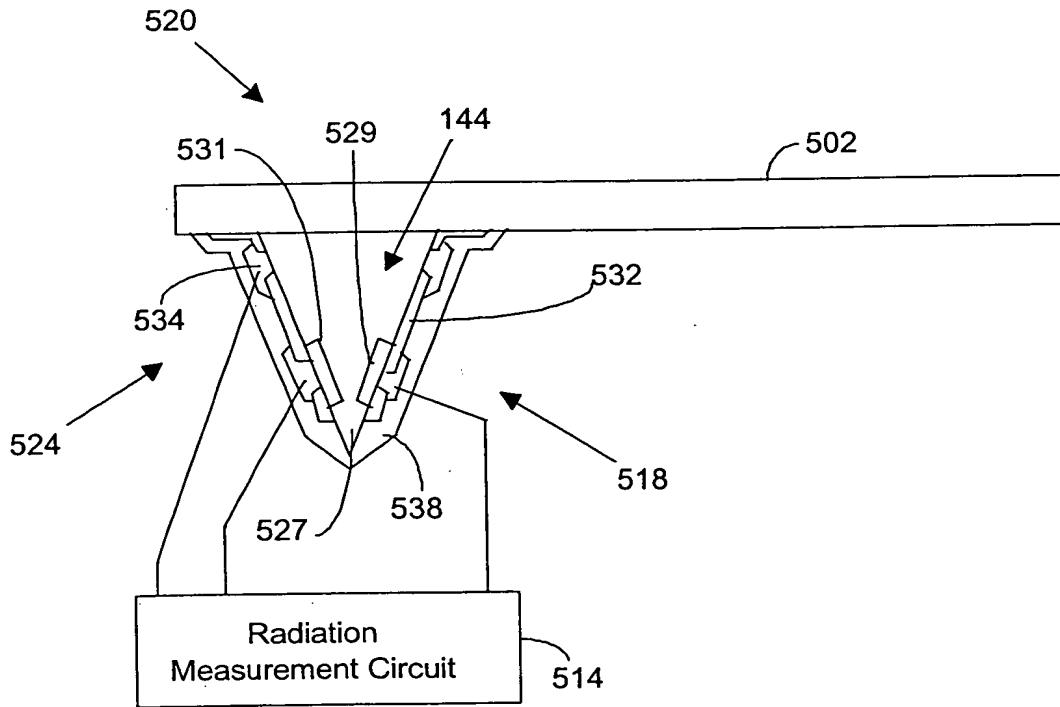


Figure 63



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 40 of 55

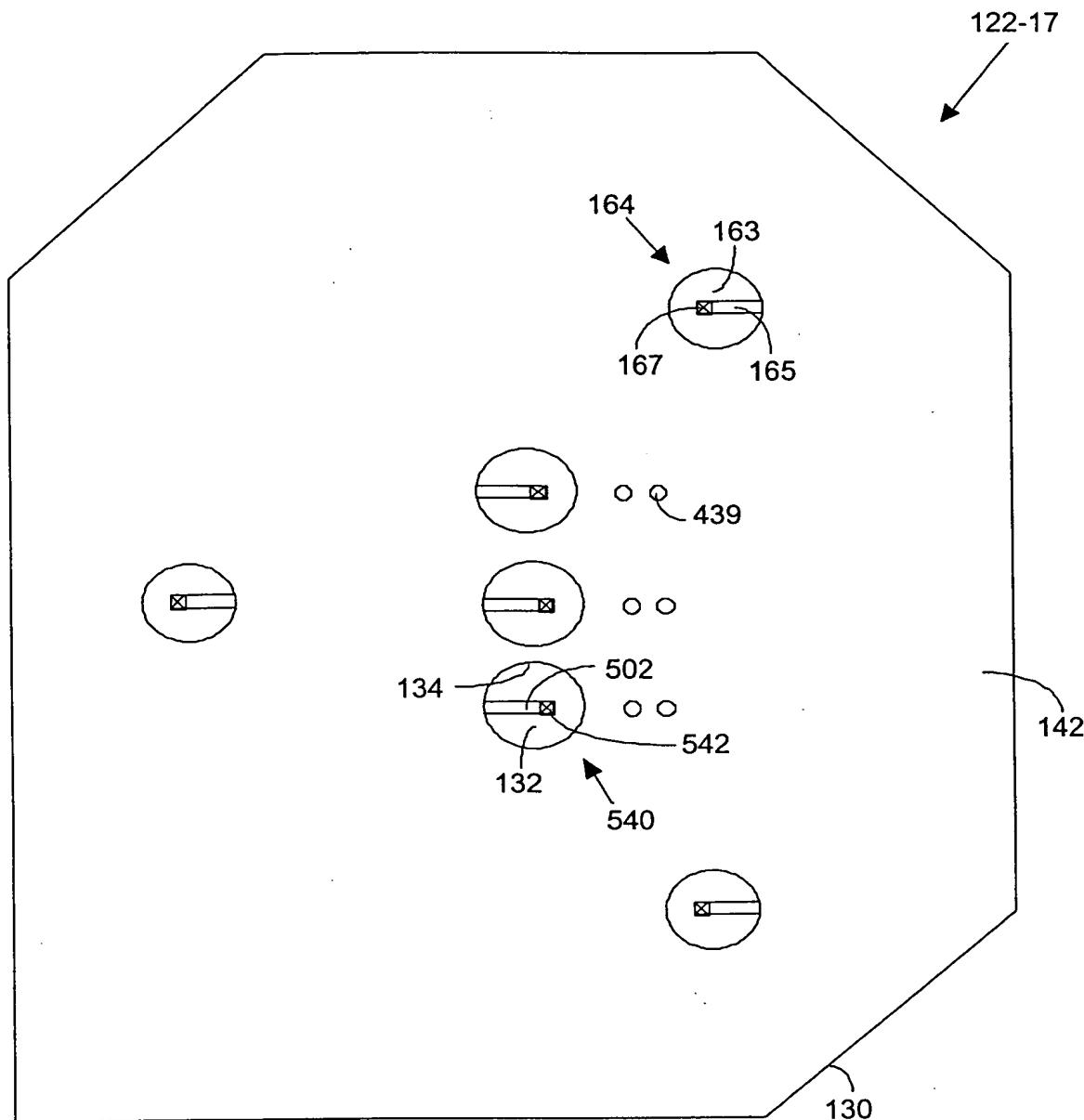


Figure 64



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Sloane (650-326-2400) Docket No. 020921-001611US Page 41 of 55

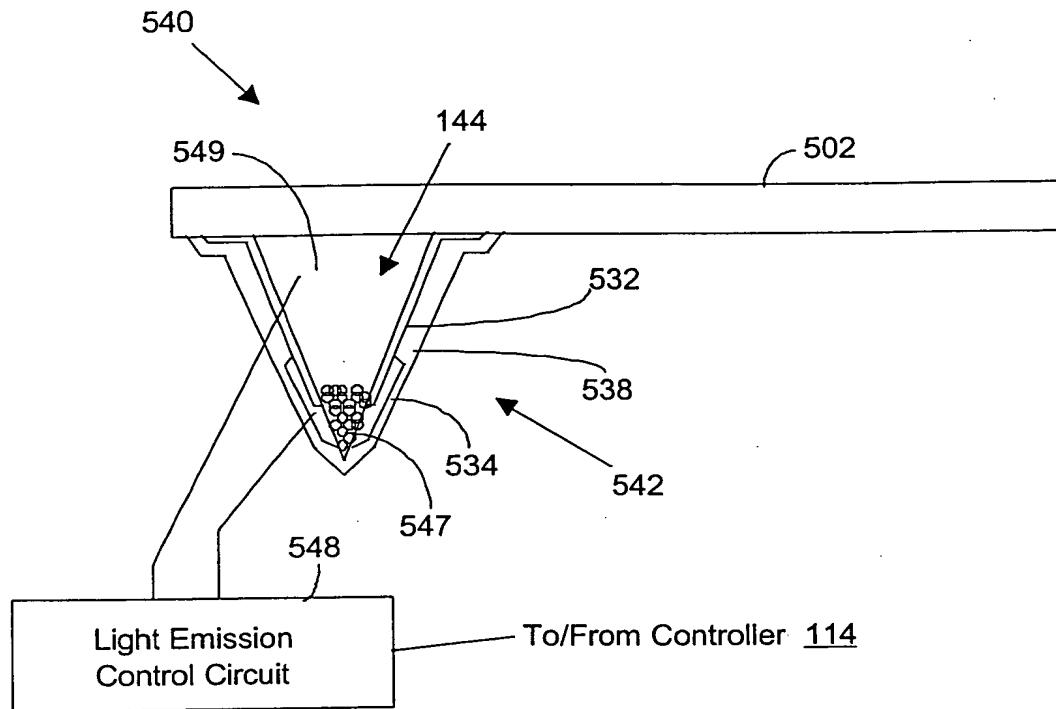


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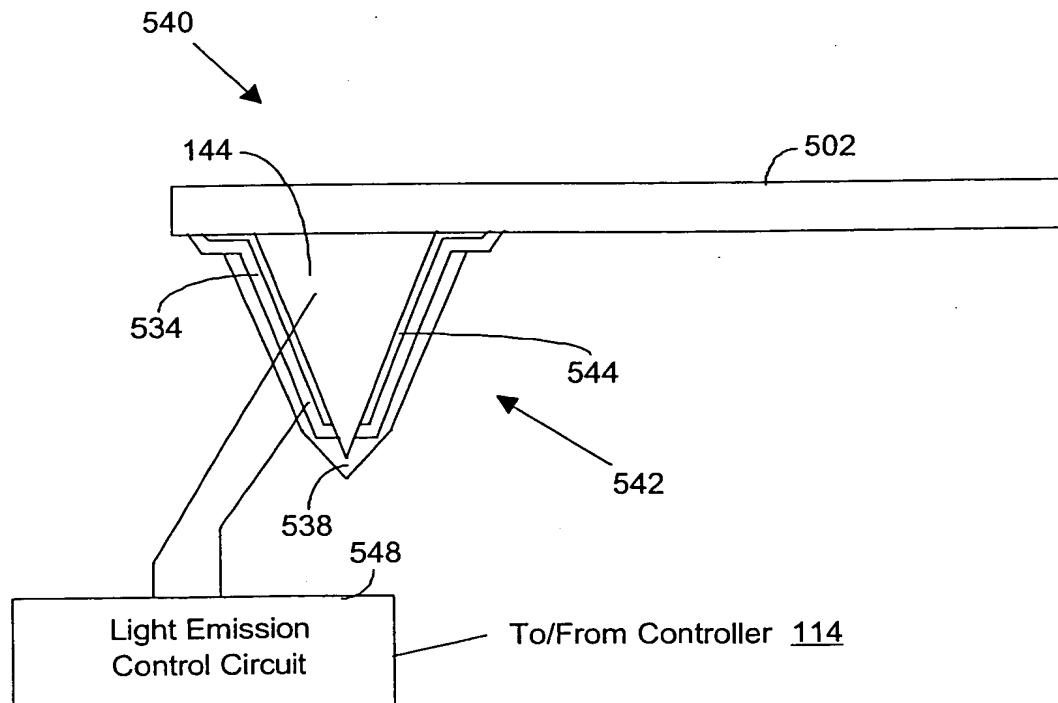


Figure 65



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 42 of 55

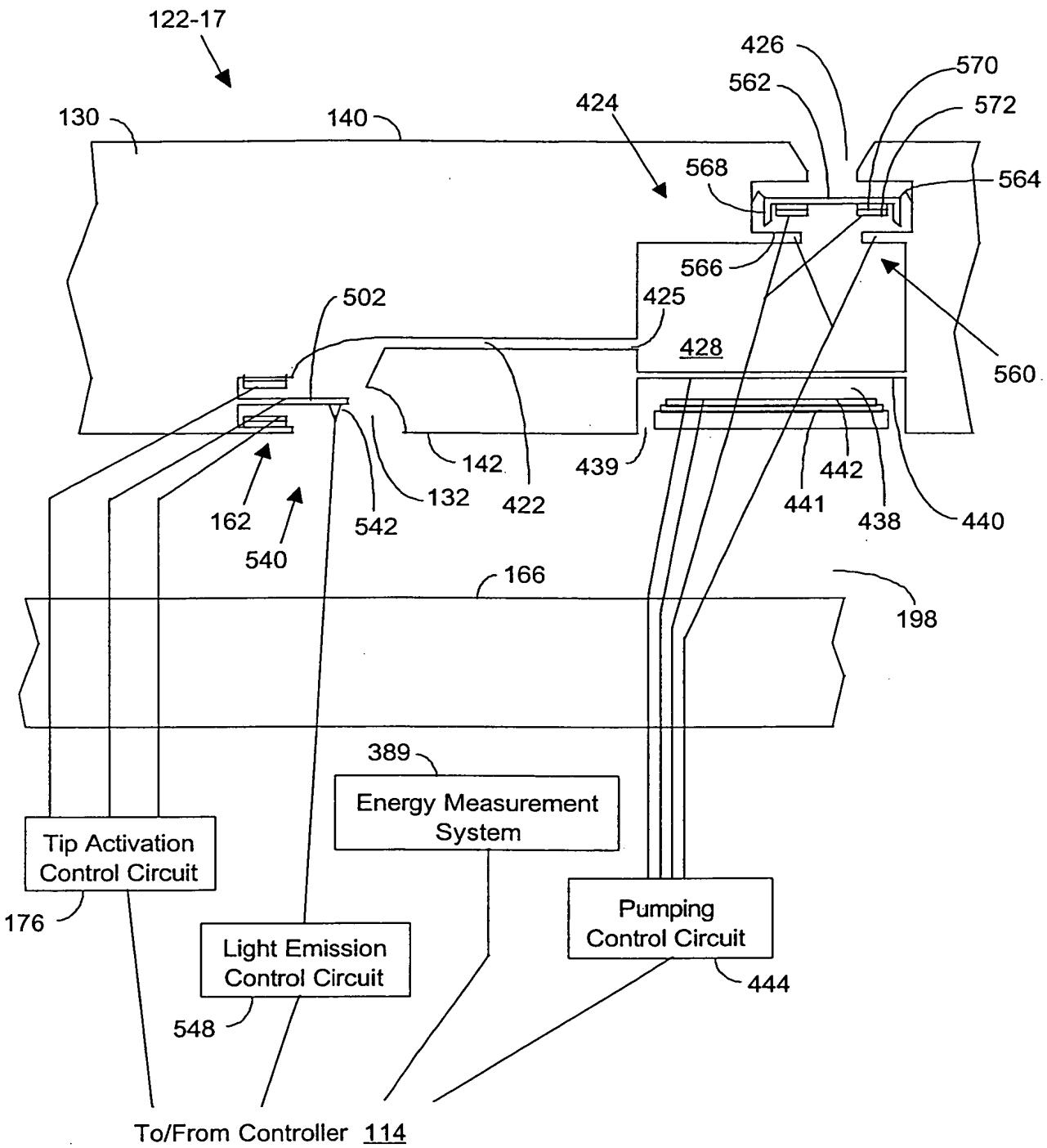


Figure 67



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 43 of 55

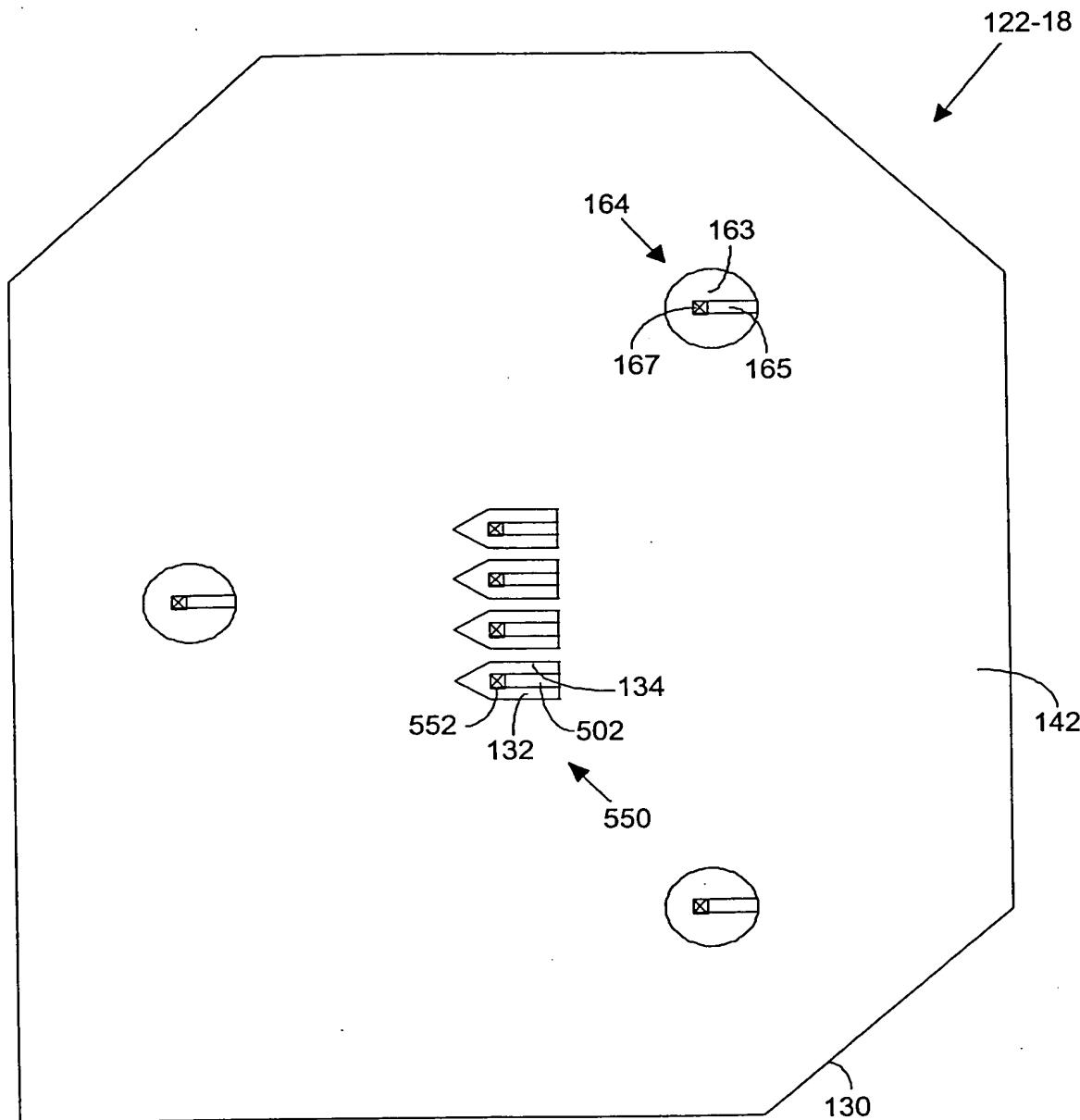


Figure 68



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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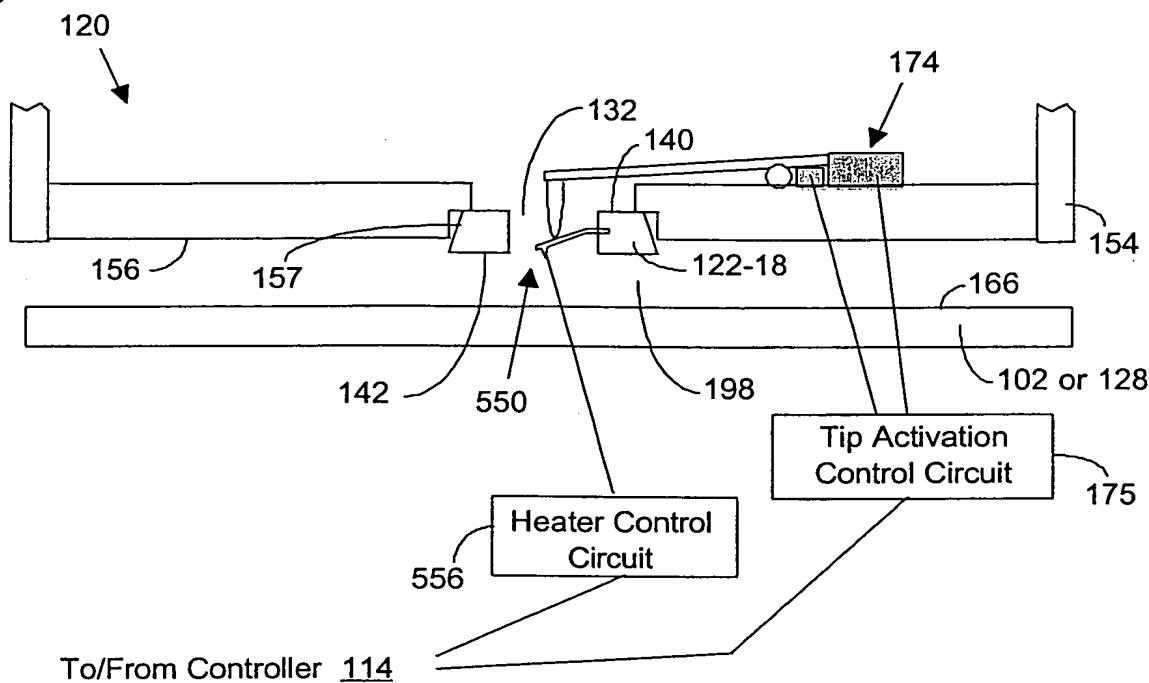


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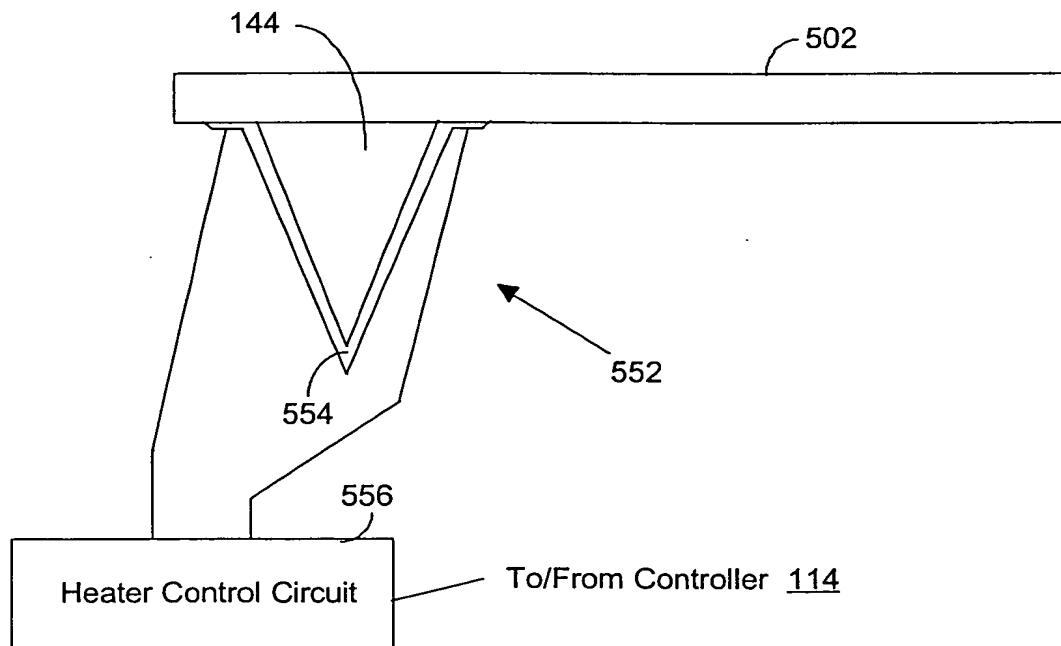


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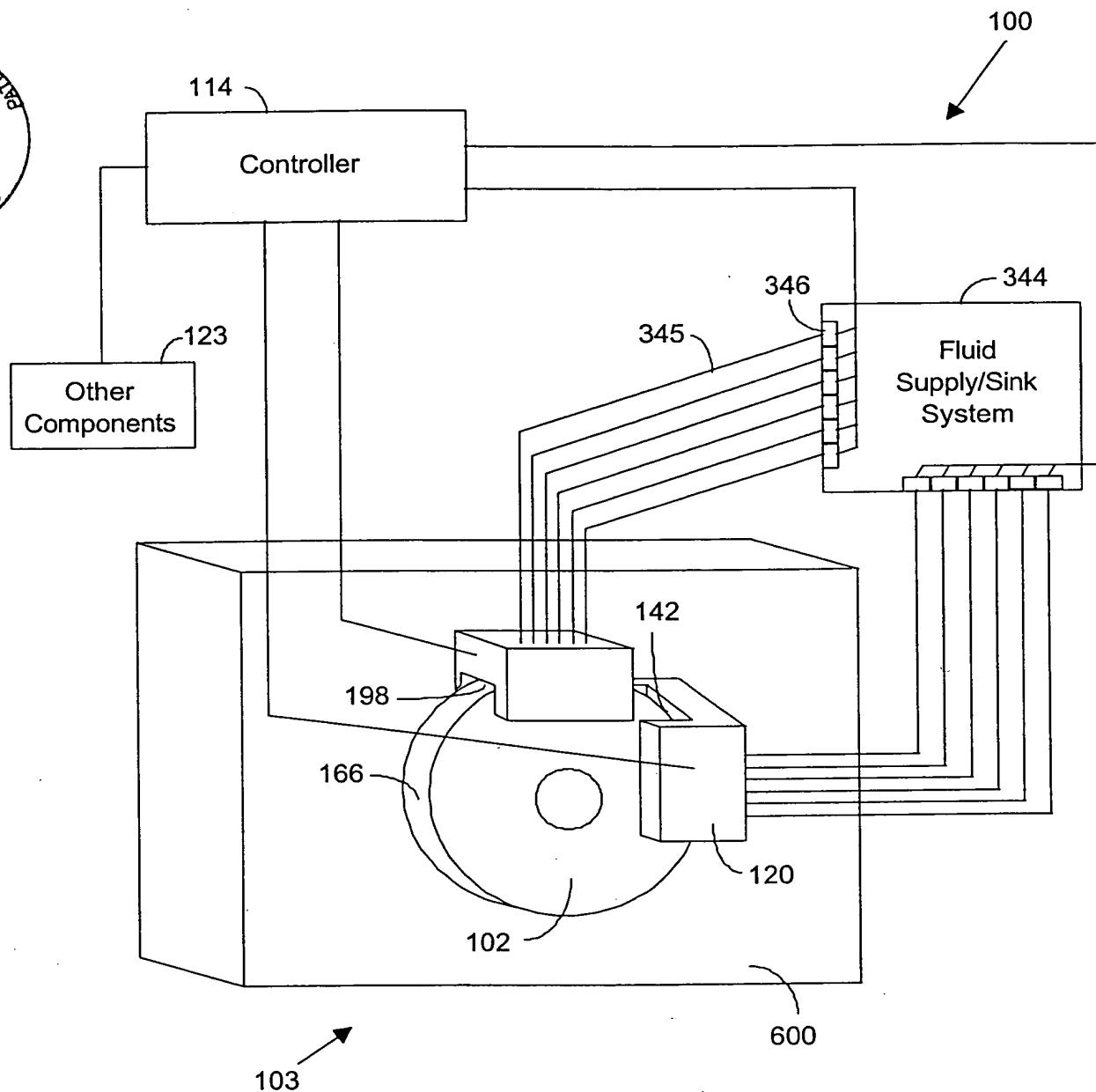
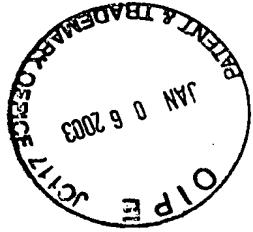


Figure 71



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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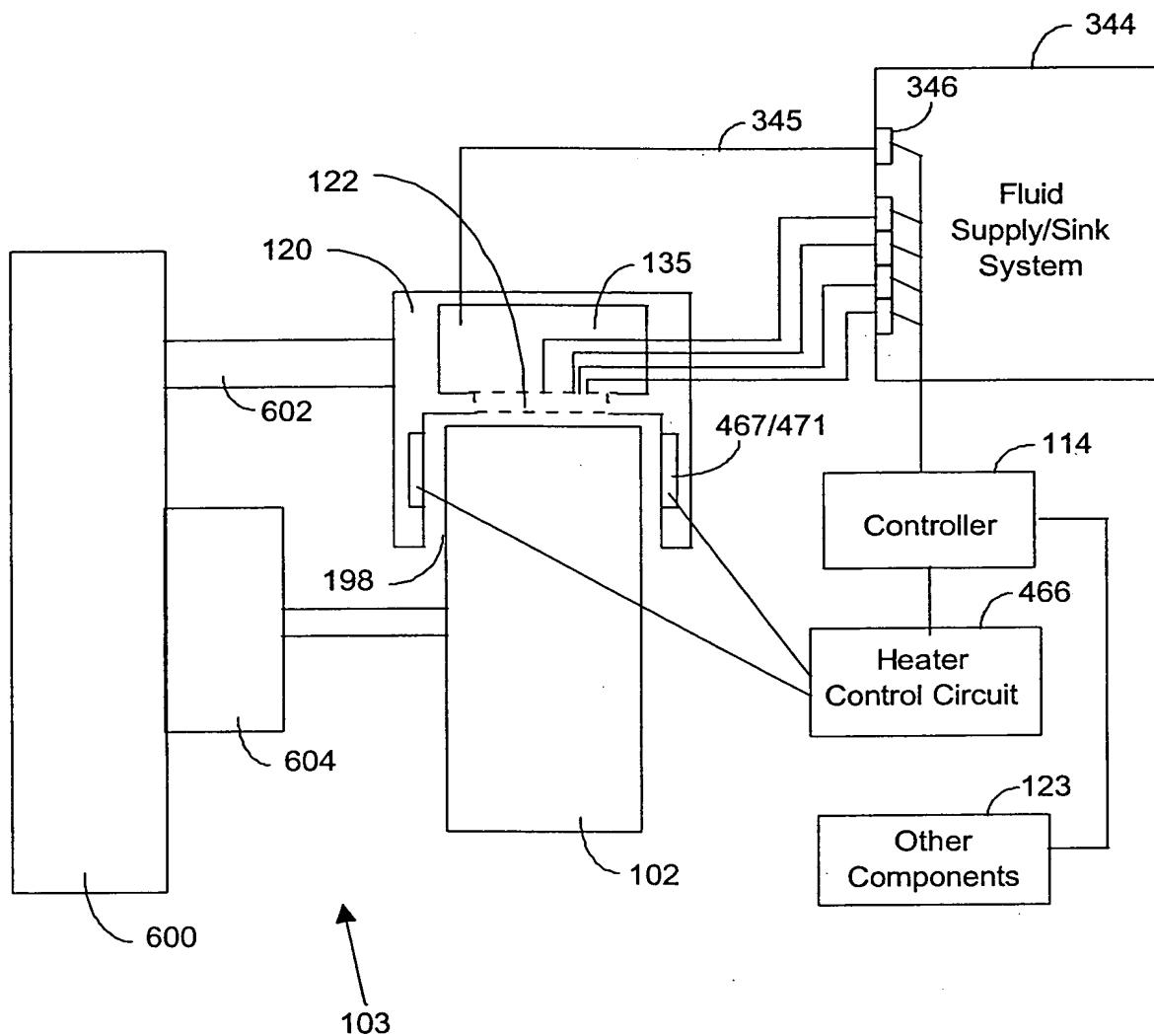


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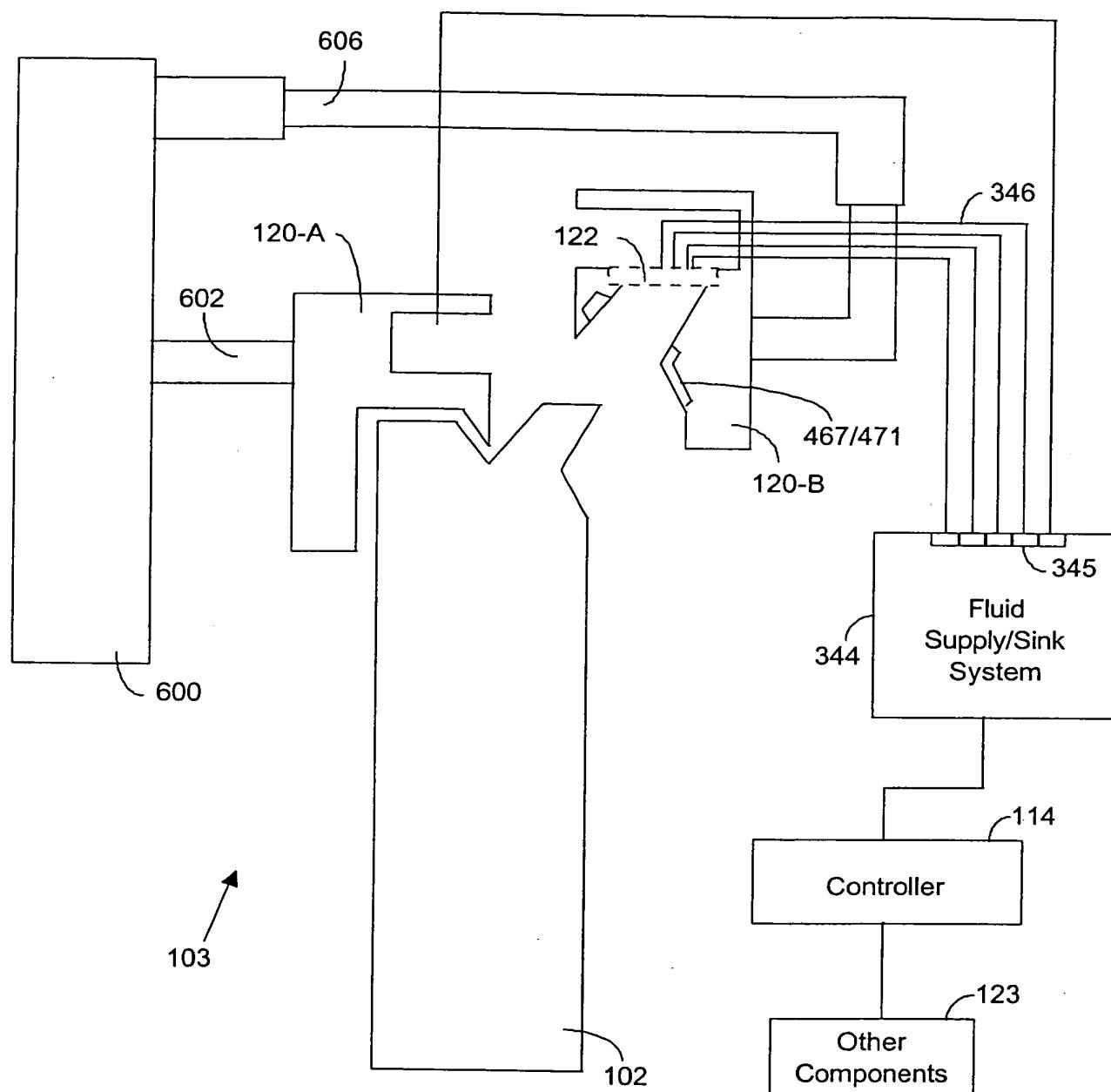


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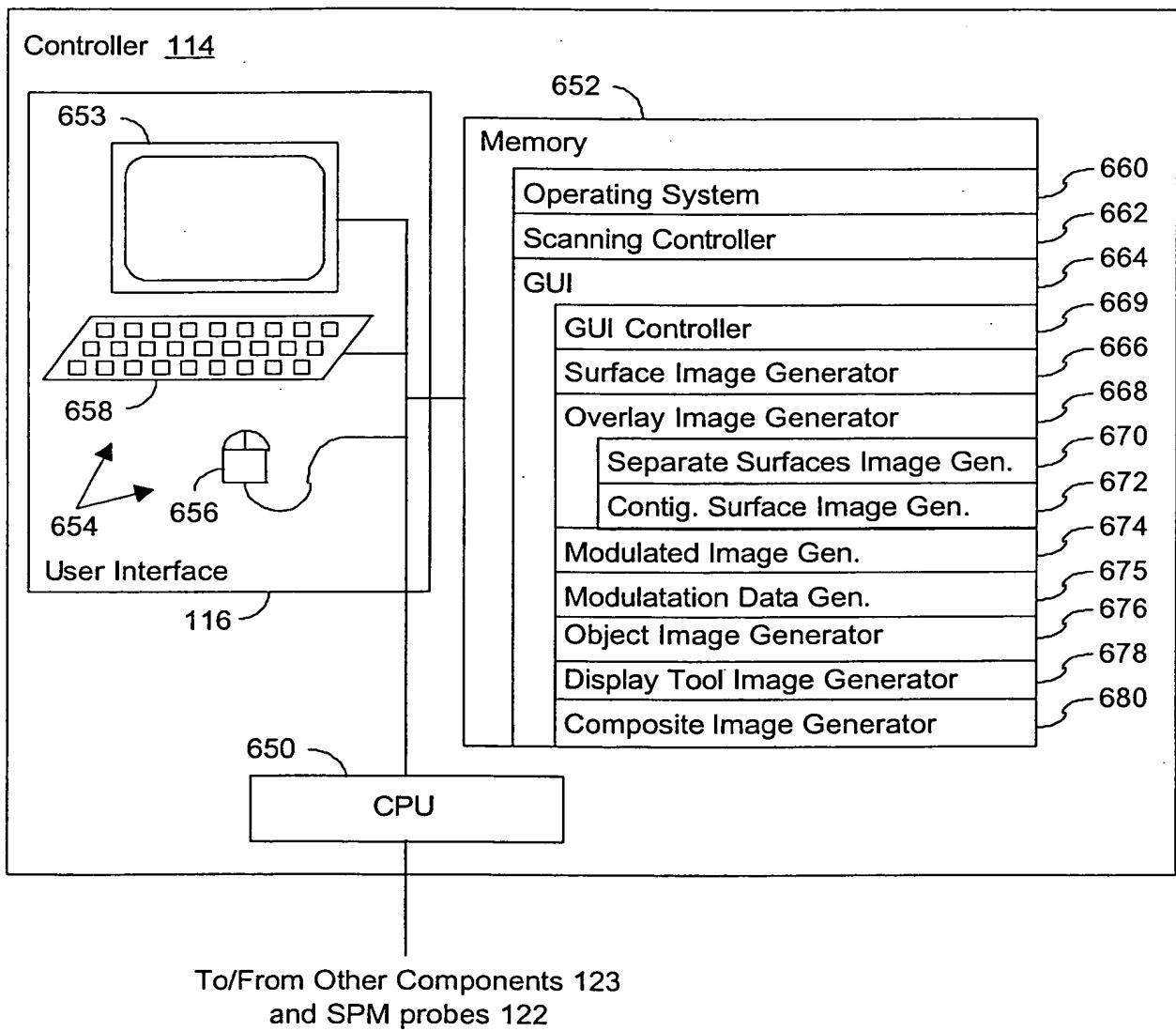


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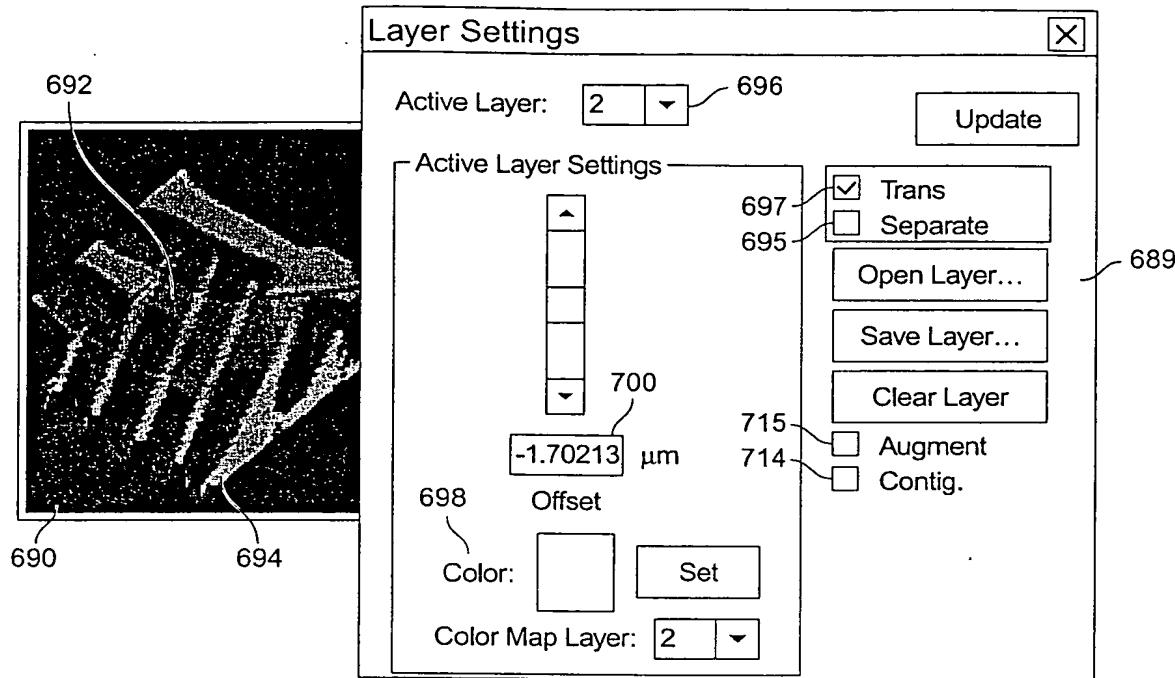


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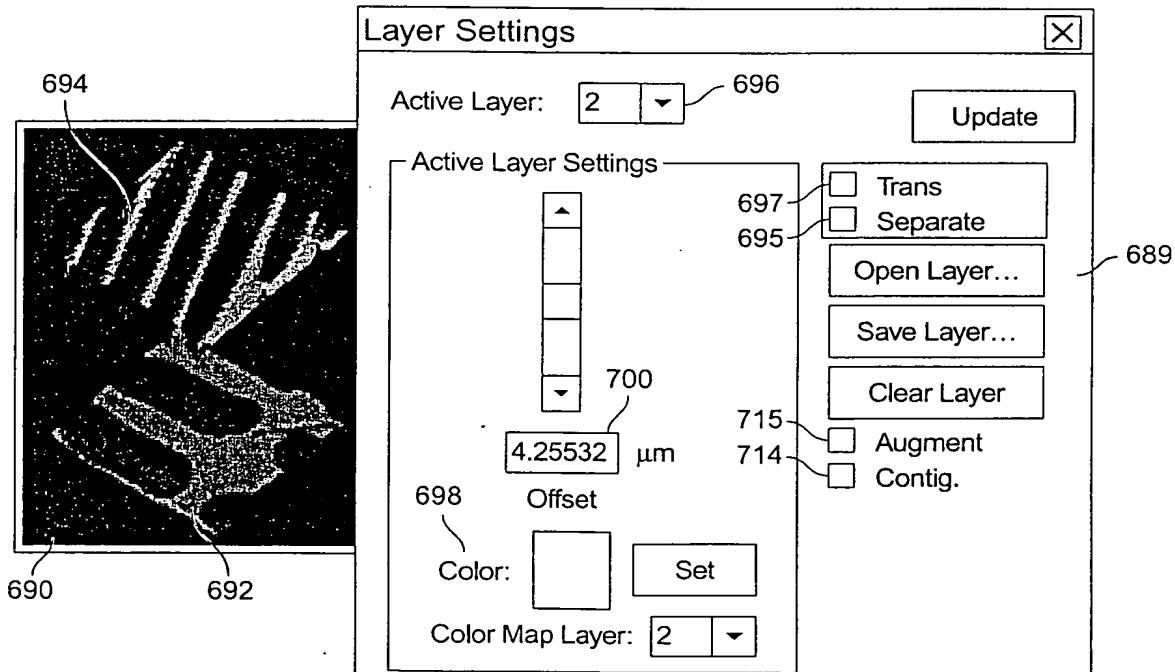


Figure 76



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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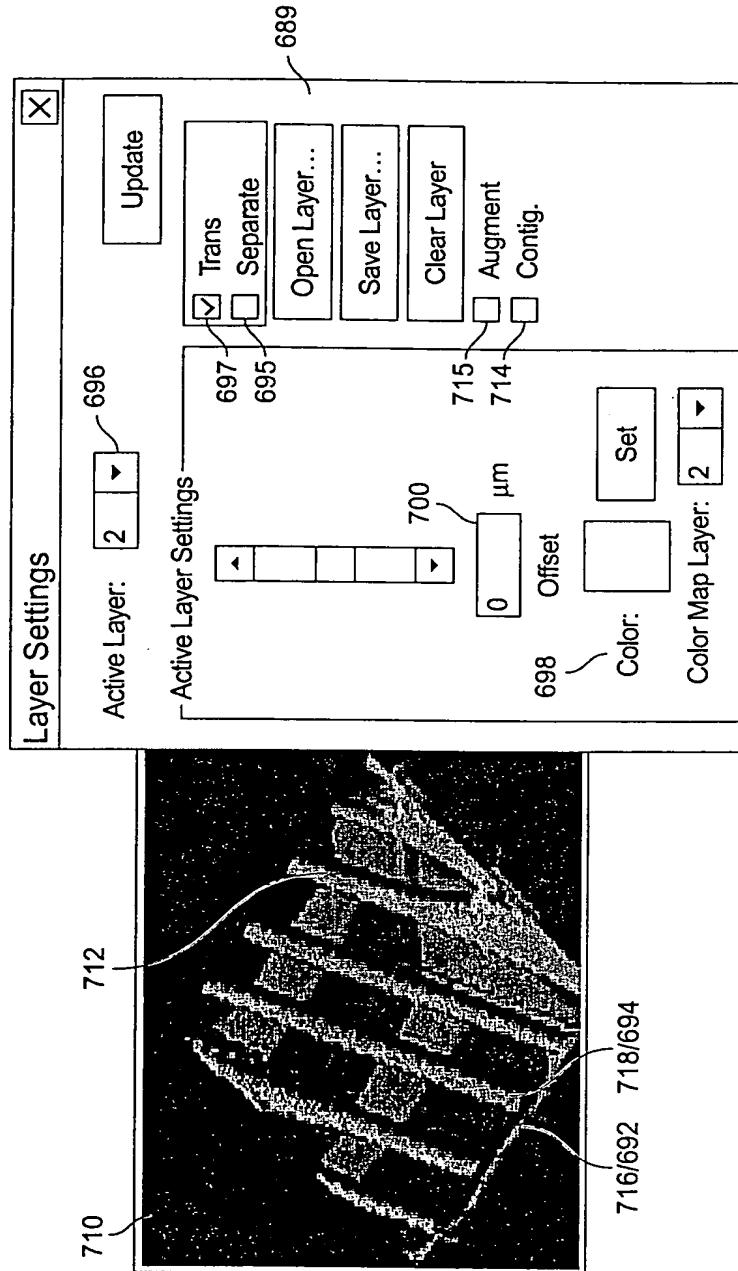


Figure 77



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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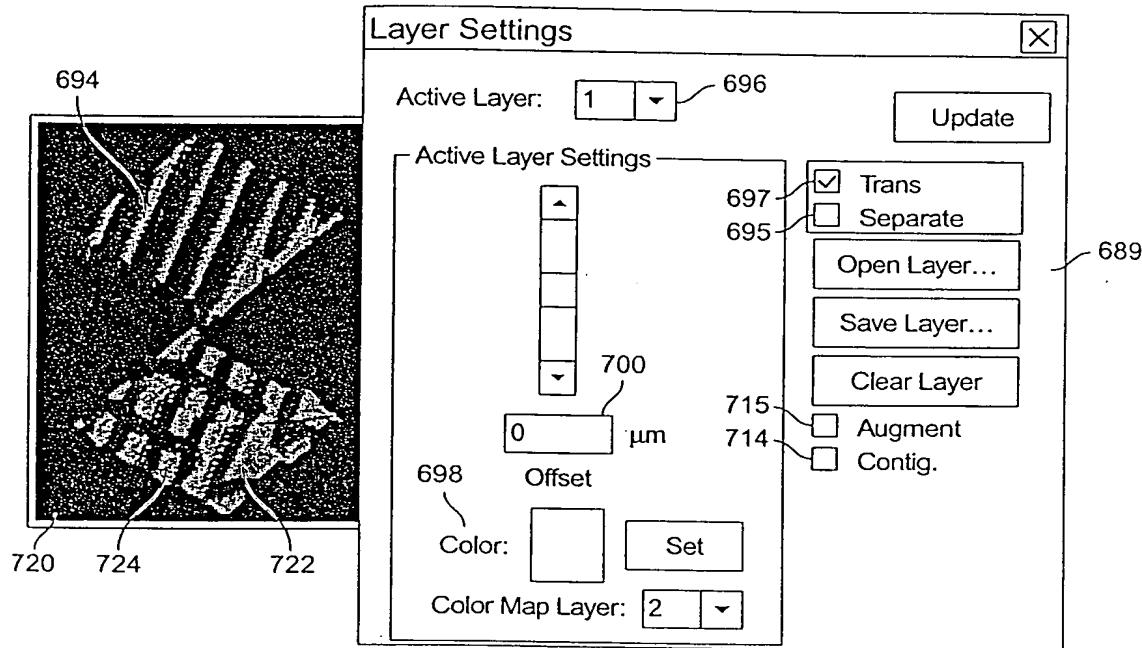


Figure 78

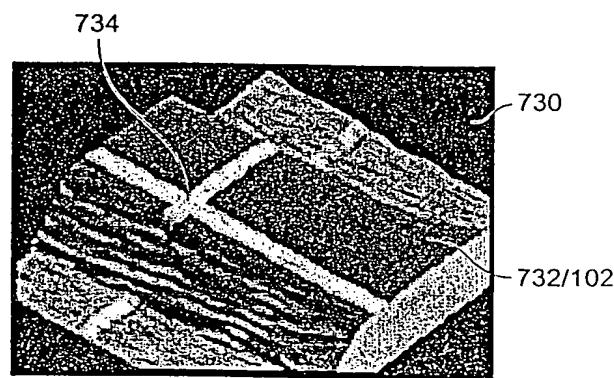


Figure 79

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Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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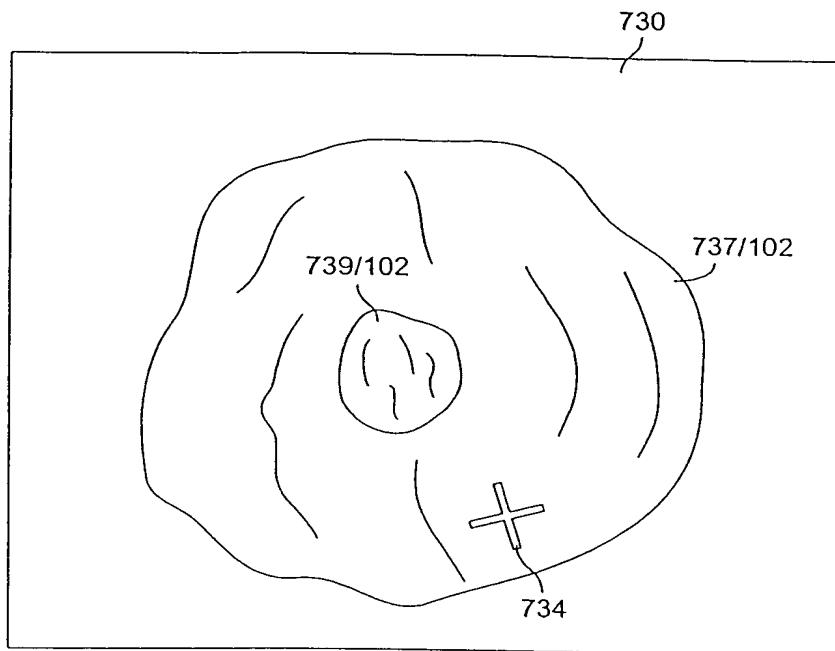


Figure 80

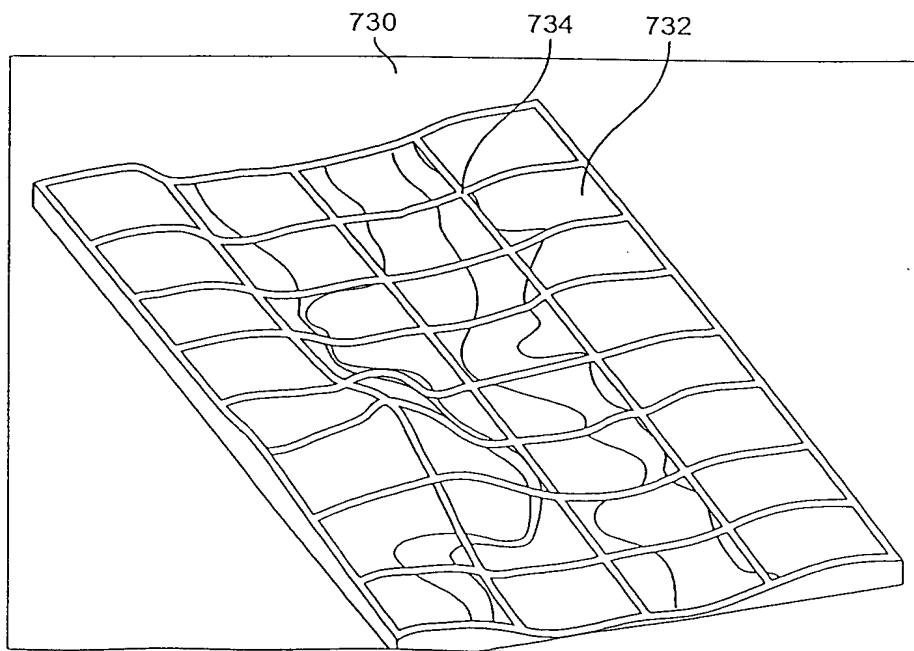


Figure 81

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Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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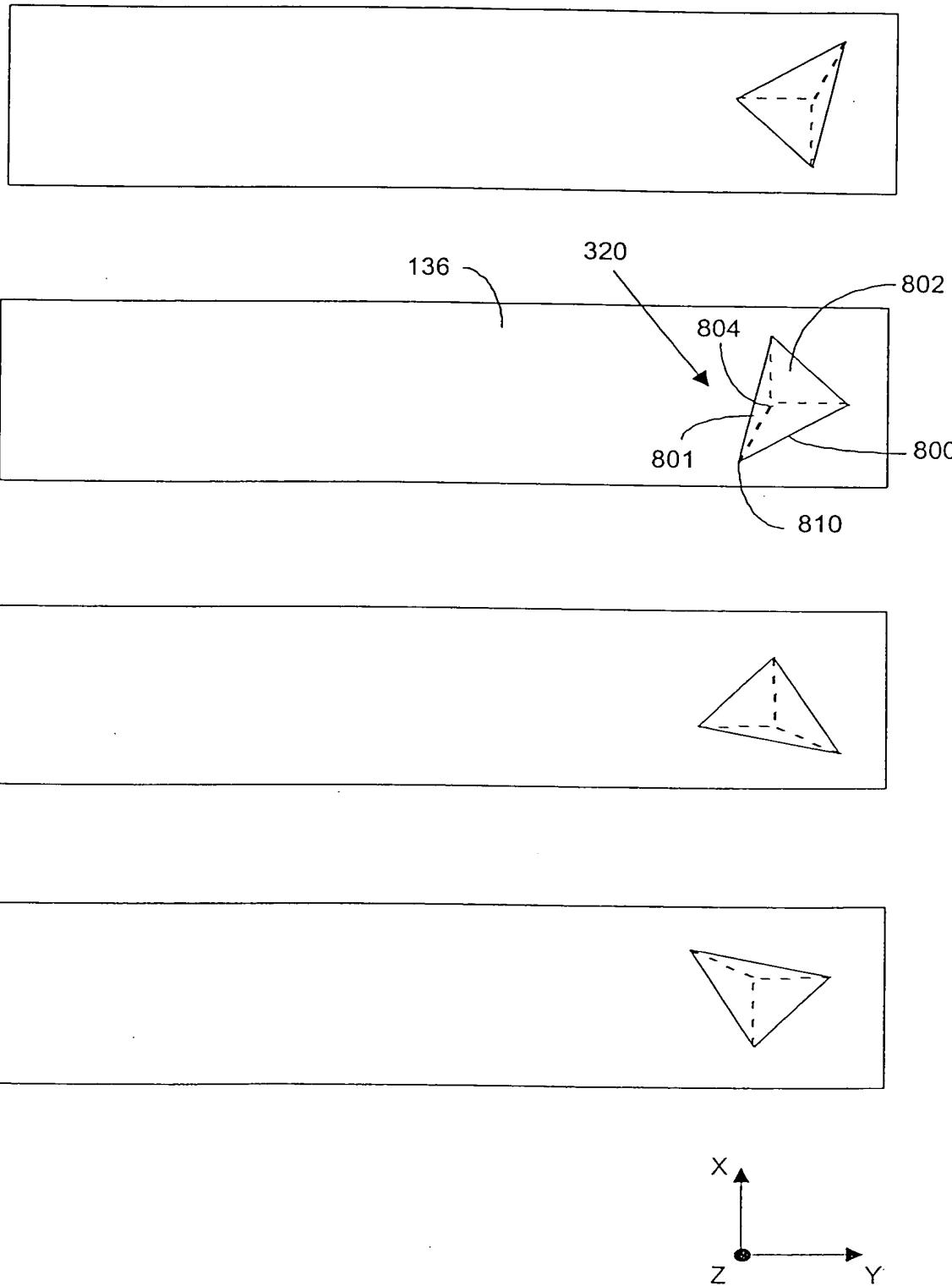


Figure 82



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/31/01
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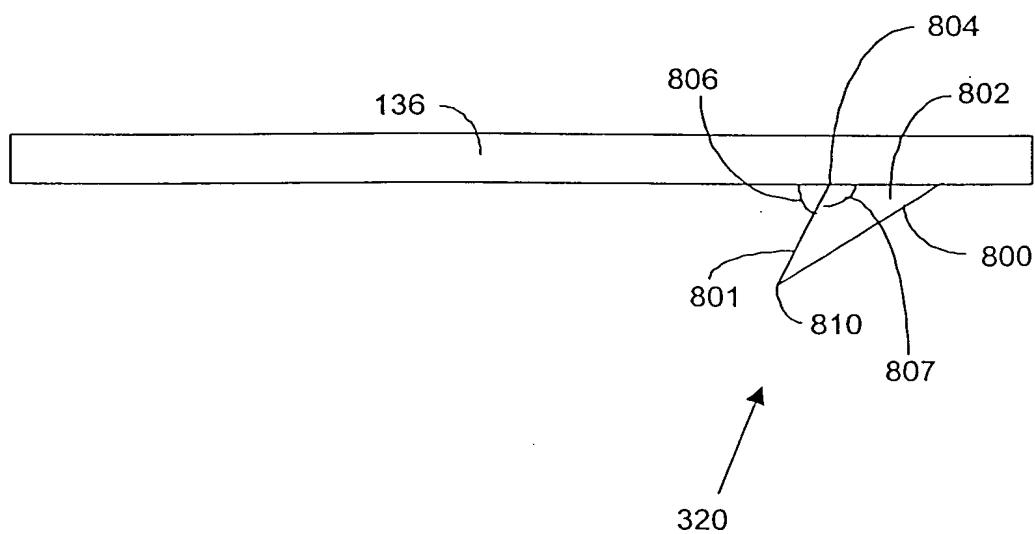


Figure 83

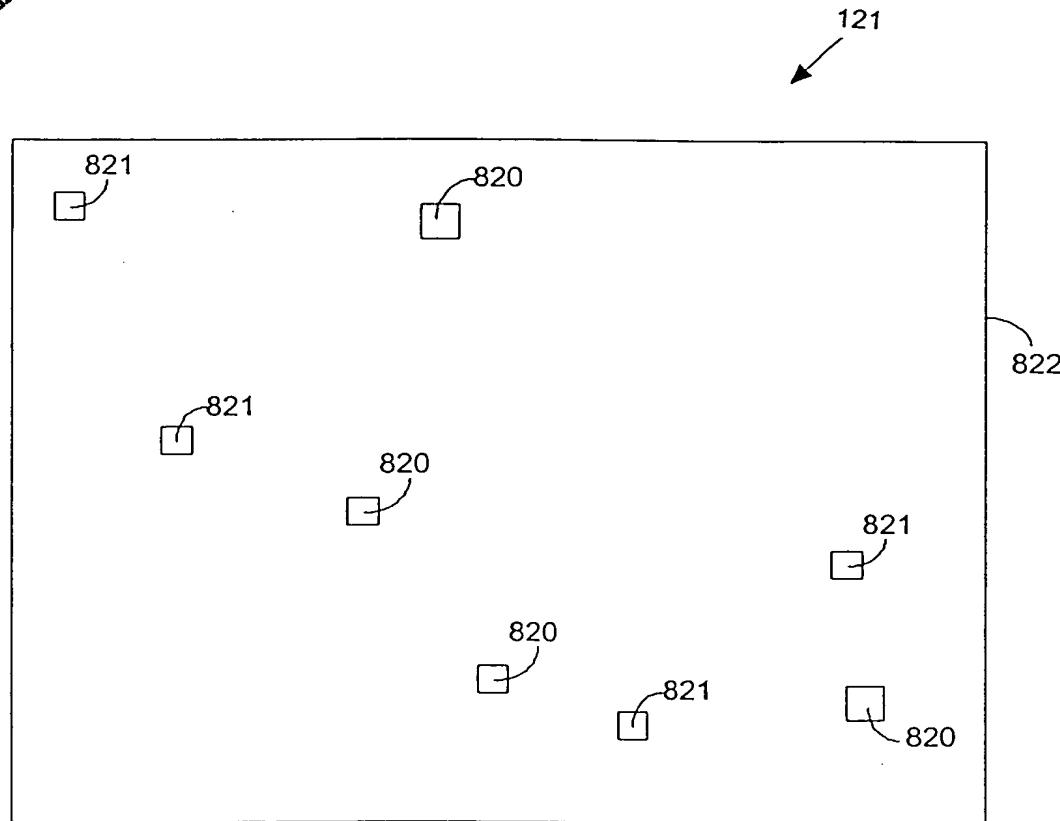
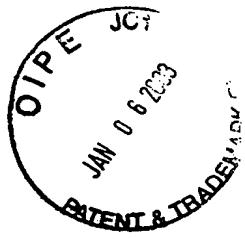


Figure 84

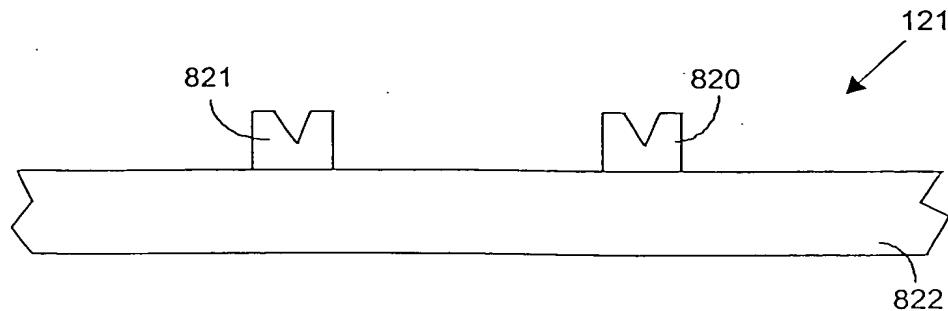


Figure 85



Title: Scanning Probe Microscope Assembly Inspection and Modification System
Inventor: Victor B. Kley App. No. 09/919,780; Filed: 07/30/01
David N. Slone (650-326-2400) Docket No. 020921-001611US Page 17 of 55

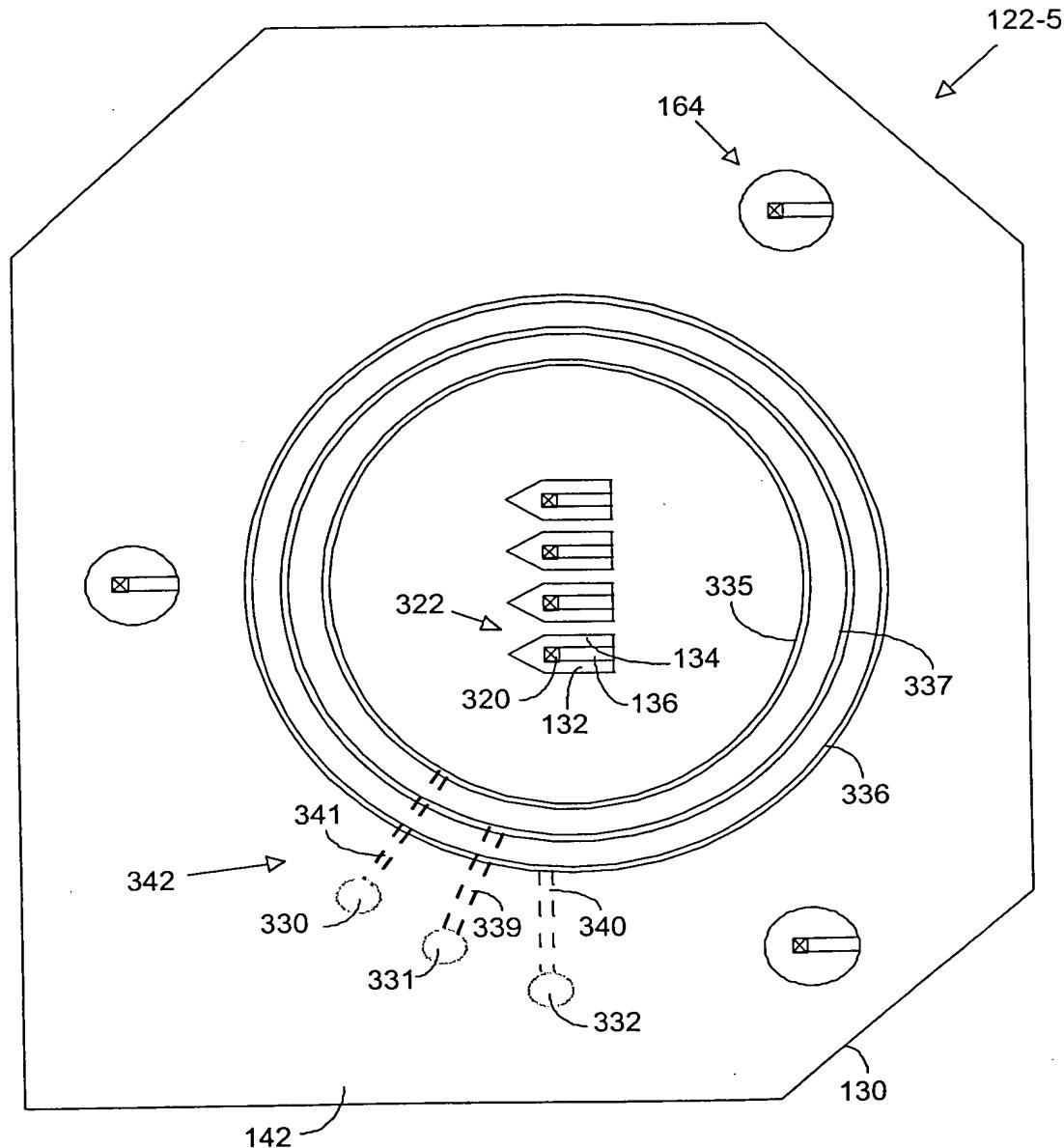


Figure 27

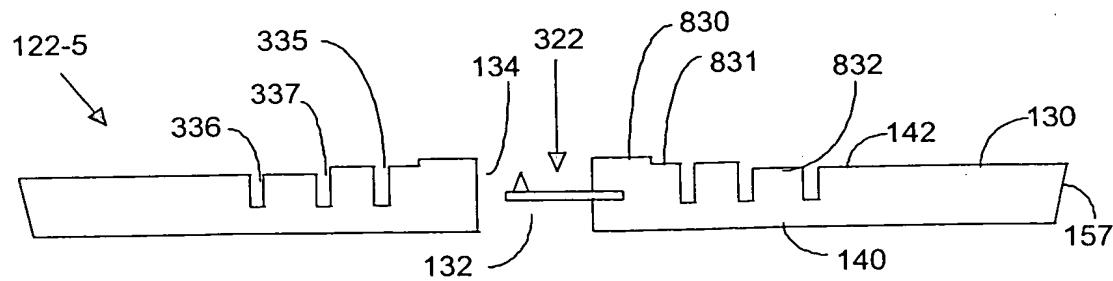


Figure 85